

From owner-qrp-1@netcom.com Sat Mar 4 01:04:17 1995
Date: Thu, 02 Mar 95 07:38:06 ast
From: "Jim Larsen" <jlarsen@alascom.com>
Message-Id: <9502027941.AA794159320@mailrouter.alascom.com>
Subject: AL7FS mini Fox

Well, I was there but only worked W6EMD at 0311. Reading the mail here today reminds of my days in the midwest as WA0LPK. You guys have band openings to places that have other hams. I think my band openings are to the frozen tundra. :-)

I was looking at a world clock at the airport and the gray zone doesn't seem to favor you guys. Runs from Anchorage down to California. I am open to suggestions for a different time to be on. Probably later. Can't be earlier than 0230. Band to California seemed to get stronger at 0330.

It's interesting to hear you all talk about the QRM. What QRM? I don't hear any. :-)

I had fun. Need to do this again before summer kills it all.

Comments?

Suggestions?

Jim
AL7FS
Anchorage, Alaska

From owner-qrp-1@netcom.com Fri Mar 3 12:13:23 1995
Message-Id: <2053@gemlink.win.net>
Date: Fri, 03 Mar 1995 07:47:00 GMT
Subject: Amateur Radio (Singapore)
From: kevin_walton@gemlink.win.net

I'm looking for any amateur radio ops in Singapore or Malaysia who might be connected to the Internet. A friend from Hawaii said "a Daniel from Singapore" posts messages on the QRP forum. If you have some information, could you send to: kevin_walton@gemlink.win.net
I used to operate as 9M2ZZ from 1988-1990. Thanks and 73's. N4RMF

From owner-qrp-1@netcom.com Fri Mar 3 15:20:07 1995
Message-Id: <2053@gemlink.win.net>

Date: Fri, 03 Mar 1995 11:01:00 GMT
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From: kevin_walton@gemlink.win.net

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From owner-qrp-1@netcom.com Fri Mar 3 20:26:11 1995
Message-Id: <2056@gemlink.win.net>
Date: Fri, 03 Mar 1995 13:58:00 GMT
Subject: Amateur Radio (Singapore)
From: kevin_walton@gemlink.win.net

I'm looking for any amateur radio ops in Singapore or Malaysia who might be connected to the Internet. A friend from Hawaii said "a Daniel from Singapore" posts messages on the QRP forum. If you have some information, could you send to: kevin_walton@gemlink.win.net
I used to operate as 9M2ZZ from 1988-1990. Thanks and 73's. N4RMF

From owner-qrp-1@netcom.com Fri Mar 3 23:51:57 1995
From: RobCap@aol.com
Date: Fri, 3 Mar 1995 16:51:19 -0500
Message-Id: <950303165119_38394644@aol.com>
Subject: ARCI Award Backlog Status

I know that many of you are interested in when to expect your award from ARCI. Therefore, as a public service, I am posting the unofficial WA3ULH "ARCI Award Backlog Status". I will update this posting weekly.

This current ARCI Backlog reflects only my own award filings, and is therefore based on a very small statistical sample. Your award backlog may vary.

Miles/watt endorsement	Sept 26, 1994	5.25 months
WAC	October 11, 1994	4.75
months		
DXCC	October 11, 1994	4.75
months		
Info on Miles/Watt Records	February 14, 1995	0.5 months

72,

Rob, WA3ULH

From owner-qrp-l@netcom.com Fri Mar 3 12:22:16 1995
Date: Fri, 03 Mar 1995 08:36:01 +0000
From: tan@nccmail.attmail.com (Timothy A Nibbe)
Subject: Clear lables and transparencies
Message-Id: <winATT-2.5.1-tan-234>

Part numbers for 8.5" x 11" transparency films and lables that may be useful for use on panels. I do not know if these numbers work outside of North America, they should. All are available from any office supply store (you may have have to convince somebody in the store that it can be ordered HI).

Transparency Film For Laser Printers

3M	CG 3300 (clear)
3M	CG 3302 (yellow)
3M	CG 3305 (blue)

Clear Address Labels (for laser and inkjet printers)

Avery	5660 (1" x 2.62")
Avery	5661 (1" x 4.25")
Avery	5662 (1.33" x 4.25")
Avery	5663 (2" x 4.25")
Avery	5664 (3.33" x 4.25")

Ink Jet Printer Transparency Film

3M	CG 3460 (clear for DeskWriter and color DeskJet)
3M	CG 3480 (clear for monochrome DeskJet)

Plain Paper Copier Transparencies

3M	Highland	
PP 2200	903	clear, with sensing strip
PP 2500	901	clear, without sensing strip
PP 2950	-	clear, for high temperature copiers
PP 2410	904	clear, for high speed copiers
-	941	assorted colors, without sensing strip

Plain Paper Copier Clear Lables

	70 sheets	20 sheets	
Avery	5311	5314	(1" x 2.75")
Avery	5321	5318	(1.5" x 2.75")
Avery	5310	5308	(2" x 4.25")

From owner-qrp-1@netcom.com Sat Mar 4 00:08:44 1995

Message-Id: <199503032329.AA28637@zia.aoc.nrao.edu>

Date: Fri, 3 Mar 1995 16:29:25 -0700

From: Paul Harden <pharden@aoc.nrao.edu>

Subject: DATA SHEET: MC1350P I.F. AMPL

[QRP Tech Note Series de NA5N]

DATA SHEET: MC1350P MONOLITHIC I.F. AMPLIFIER

Manufactured by Motorola (Info from Motorola Linear/Interface Data Book)

** PIN-OUT **		**FEATURES
-----		* Power Gain: 50dB at 45MHz
-OUTPUT --(1)-	-(8)-- +OUTPUT	* AGC Range: 60dB min
Vcc --(2)-	-(7)-- GND	* Constant input & output
GND --(3)-	-(6)-- +INPUT	admittance over AGC range
-INPUT --(4)-	-(5)-- AGC INPUT	* Single volt. power supply

MC1350P 8-pin plastic DIP for 0 to 75C operation

**DESCRIPTION

The MC1350P monolithic IF amplifier is an integrated circuit featuring wide range AGC for use as an IF amplifier in radio and TV over the temperature range 0 to +75 deg. C. The MC1352 is similiar in design but has a keyed-AGC amplifier as an integral part of the same chip.

----- **ABSOLUTE MAXIMUM RATINGS

Vcc	Max. operating voltage	+18 vdc
Vagc	AGC Supply voltage	Not to exceed Vcc
Vin	Differential input voltage	5.0 vdc
Pd	Power dissipation	625mW (derate 5mW/deg.C >25C)
Ta	Operating temperature range	
	MC1350P	0C to +75C (degrees)

****AC/DC ELECTRICAL CHARACTERISTICS** at Ta=25C, Vcc=6v

AGC range (5.0 to 7.0v)	60dB (min), 68dB (typ)
Ap Power gain, 45MHz BW=4.5MHz	50dB
10.7MHz BW=350KHz	58dB
Vo Differential output swing	20Vpp (with no AGC)
	8Vpp (with-30dB AGC)
I1,7 Output current (pins 1+8)	5.6mA (typical)
Is Total supply current	14mAdc(typ), 17mAdc (max)
Pd Power dissipation	168mW (typ), 204mW (max)

[Following parameters for 10.7MHz]

g11 Single ended input admittance	0.36mmhos
g22 Output admittance	4.4umhos
y12 Reverse transfer admittance	<<1 umho
y21 Forward transfer admittance	160mmhos
Cin Single ended input cap.	7.2pF (typ)
Co Differential output cap.	1.2pf (typ)

****AGC ACTION**

(From curve, input AGV voltage vs. gain reduction in dB)

Vagc input=	5.0v	5.5v	6.0v	6.5v	7.0v
Gain reduction=	0dB	8dB	16dB	45dB	68dB

[On the AGC response, its kinda sluggish from 5 to 6 volts, then linear from 6.0v to 6.7v, then flattens out >6.7v]

****DESIGN NOTES** (From data sheet and personal experience)

1. Collector voltage for the output amplifier must be supplied through a center-tapped tuning coil to pins 1 and 8. [Pin 1 and 8 to the coil or transformer ends, the center tap to +Vcc or pin 2.]
 2. [The MFJ 90xx QRP rig drawings are INCORRECT on the output of U2 MC1350. Transformer T2 primary goes to pins 1 and 8, (not 1 and 2) while +10v Vcc goes to pin 2 (not pin 8 as shown) and to the transformer T2 center tap].
 3. [AGC voltage less than 5.0v produces no gain reduction].
 5. [In early 1995, single unit costs from mail order vendors for a MC1350P was about \$2.00 each (Dalbani Corp.)].
-

72/73 de NA5N (pharden@nrao.edu)

From owner-qrp-l@netcom.com Fri Mar 3 19:35:04 1995

Message-Id: <199503031900.AA19773@zia.aoc.nrao.edu>

Date: Fri, 3 Mar 1995 12:00:07 -0700

From: Paul Harden <pharden@aoc.nrao.edu>

Subject: DATA SHEET: NE602 AMPL/MIXER

[QRP Tech Note Series de NA5N]

DATA SHEET: NE602/SA602 DOUBLE BALANCED MIXER AND OSCILLATOR

Manufactured by Signetics (Info from Signetics Data Book, pg. 4-69+)

[The NE602 was designed initially for the cellular telephone industry.
Some information from the data sheets not applicable to QRP or general
HF work is omitted. -NA5N]

**** PIN-OUT ****

INPUT A --(1)-| |-(8)-- Vcc
INPUT B --(2)-| |-(7)-- OSC. OUT
GND --(3)-| |-(6)-- OSC. IN
OUTPUT A --(4)-| |-(5)-- OUTPUT B

****FEATURES**

- * Low current, 2.4mA typical
- * Excellent noise figure <5dB
- * Excellent gain, intercept and sensitivity
- * Low external parts count

NE602N: 8-pin plastic DIP for 0 to 70C

SA602N: 8-pin plastic DIP for -40 to 85C

NE602F: 8-pin ceramic DIP for 0 to 70C

****APPLICATIONS**

- * Mixer/Oscillator
- * Portable radio/transceivers
- * HF/VHF frequency conversion

****DESCRIPTION**

The SA/NE602 is a low-power VHF monolithic double-balanced mixer with input amplifier, on-board oscillator, and voltage regulator. It is intended for high performance, low power communication systems. The mixer is a "Gilbert Cell" multiplier configuration which typically provides +18dB gain at 45MHz. The oscillator will operate to 200MHz. It can be configured as a crystal oscillator, a tuned tank oscillator or a buffer for an external L.O. The noise figure at 45MHz is typically less than 5dB. The gain, intercept performance, low-power and noise characteristics make the SA/NE602 a superior design choice for high-performance battery operated equipment.

****ABSOLUTE MAXIMUM RATINGS**

Vcc	Max. operating voltage	9 vdc
Tstg	Storage temperature	-65C to +150C
Ta	Operating temperature range	
	NE602	0C to +70C (degrees)
	SA602	-40C to +85C

****AC/DC ELECTRICAL CHARACTERISTICS** at Ta=25C, Vcc=6v

Vcc	Power supply voltage range	4.5v (min) to 8.0v (max)
-----	----------------------------	--------------------------

	DC current drain	2.4mA(typ) to 2.8mA(max)
Fin	Input signal frequency	500MHz (typical)
Fosc	Oscillator frequency	200MHz (typical)
	Noise figure at 45MHz	5.0dB(typ) to 6.0db(max)
	Conversion gain at 45MHz	14dB (min) 18dB(typ)
Rin	RF input resistance	1.5K (min)
Cin	RF input capacitance	3pF (typ) to 3.5pF (max)
Ro	Mixer Output resistance	1.5K (typ) (pins 4 or 5)

The SA602 is capable of receiving -119dBm signals with a 12dB S/N ratio at 45MHz in cellular telephone applications.

[Lab tests shows the NE602 is ~-122dBm @7mHz; -118dBm @10.1MHz -NA5N]

**DESIGN NOTES (From data sheet and personal experience)

1. RF inputs (pins 1,2) are biased internally; they are symmetrical and can be used interchangeably, but do not bias externally. [AC coupled only or from LC tuned circuit or transformer].
2. Mixer outputs (pins 4,5) also internally biased, connected to Vcc through internal 1.5K resistors. [They can thus be used as single ended output without upsetting the balance of the mixer].
3. Oscillator capable of sustaining oscillation beyond 200MHz in crystal or tuned tank circuits. [External L.O. injection should be at least 200mV, such as for the TX mixer or BFO for a product det.]
4. [When stealing oscillator power from pin 7 to another circuit, an FET or transistor buffer should be used for minimum loading and isolation].
5. [In early 1995, single unit costs from mail order vendors for a NE602N was about \$3.00 each].

72/73 de NA5N (pharden@nrao.edu)

From owner-qrp-l@netcom.com Sat Mar 4 01:33:01 1995

From: PDouglas12@aol.com

Date: Fri, 3 Mar 1995 21:13:54 -0500

Message-Id: <950303211352_38639442@aol.com>

Subject: Dayton or Bust

OK, ladies and gentlemen, here's this week's list of Dayton attendees. For late tuner-inners, this is a list of QRP-l Internet subscribers who will be at the Dayton Hamvention and want a pin-on ID badge so we can find each other among the thousands of uninitiated hams. If you're reading this online, and you're going to Dayton, you're eligible. Corrections/additions to me directly at pdouglas12@aol.com. Note, my database skills are crummy, so they are alphabetical by first names.

Dick of Kanga fame has offered to have our badges at his booth. So, tentatively, I'll bring them out to the Days Inn South starting Thursday eve

(only hopefully, as we have late arrival and will be staying at the Marriot--may not make it down Thurs eve) and then pick 'em up at the Arena during Convention hours at Dick's booth.

We're up to nearly 50 listers going. Any more? I have plenty of badges!

Preston WJ2V

-----list-----

BILL KELSEY N8ET
BOB GOBRICK WA6ERB
BOB STAFFORD N9USD
BRUCE FLORIP AA7AR/6
BRUCE LIFTER AD4TG
BRUCE MUSCOLINO W6TOY/3
BUCK SWITZER N8CQA
BYRON JOHNSON WA8LCZ
CHUCK ADAMS K5FO
CLARK FISHMAN WA2UNN
DAVID FELDMAN WB0GAZ
DAVID MEACHAM W6EMD
DICK PASCOE G0BPS
DICK SZAKONYI KA3ZOW
DOUG HENDRICKS KI6DS
DUFFY BEISCHEL WB8NUT
ERIC SWARTZ WA6HHQ
F. "MITCH" MITCHELL WA4OSR
GARY DIANA N2JGU
HANK KOHL K8DD
HOWIE CAHN WB2CPU
JASON PENN N9RPT
JERRY SY N3RKD
JIM CATES WA6GER
JIM JOHNS KA0IQT
JIM STAFFORD W4QO
JOE EVERHART N2CX
JOHN ROUSE KA3DBN
KATY SZAKONI N3SAD
KEN EVANS KJ4XR
MICHAEL RIOUX NW1J
MIKE CZUHAJEWSKI WA8MCQ
MIKE FLANNAGAN KB8NKX
MONTE "RON" STARK KU7Y
NILS YOUNG WB8IJN
PAUL VALKO WB8ZJL
PAULETTE QUICK N9OUH
PETER BREEDLOW NN9K
PETER MEIER WK8S
PRESTON DOUGLAS WJ2V

REV. GEORGE DOBBS G3RJV
RON DOYLE N8VAR
RON MAJEWSKI WB8RUQ
STEVE COHEN N3OIE
STEVE HIDEG N8HSC
TED ALBERT KF8EE
TOM FRISZ N9DD
TOM STAFFORD N9YBC
WAYNE BURDICK N6KR

From owner-qrp-l@netcom.com Fri Mar 3 04:16:50 1995
Date: Thu, 2 Mar 1995 21:39:49 -0600
From: msdooley@aud.alcatel.com (Michael S. Dooley)
Subject: End of the Fox hunt
Message-Id: <95Mar2.213930cst.20524@janus01.aud.alcatel.com>

Well, phooey!!! I don't want it to be over. I want to do another one during the spring and perhaps another in the fall. I may not have been able to participate in the hunt every week, but I enjoyed it anyway. I even enjoy the "play by play" that AB4EL sends in. I get to see what he heard, when, and how strong. Let's do another fox hunt!!

Mike KE4PC

From owner-qrp-l@netcom.com Fri Mar 3 23:07:28 1995
Date: Fri, 3 Mar 1995 15:36:53 -48000
From: "David D. Meacham" <ddm@datatamers.com>
Subject: Re: End of the Fox hunt
Message-Id: <Pine.3.89.9503031558.D1610-01000000@dt1.datatamers.com>

Mike, I second your request! 72, Dave, W6EMD.

From owner-qrp-l@netcom.com Sat Mar 4 03:56:57 1995
Subject: End of the Fox hunt
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.12879.500@acenet.com>
Date: Fri, 03 Mar 1995 21:35:00 -0500

>From: brian.carling@acenet.com

Michael Dooley (msdooley@aud.alcatel.com) writes:

MSD>Well, phooey!!! I don't want it to be over. I want to do another one
MSD>during the spring and perhaps another in the fall. I may not have been
MSD>able to participate in the hunt every week, but I enjoyed it anyway.
MSD>I even enjoy the "play by play" that AB4EL sends in. I get to see what

> during the spring and perhaps another in the fall.

Well, someone? We have a list of 400+ subscribers. Is there anyone else wanting to sponsor and manage a weekly QRP event?

> ...I may not have been
> able to participate in the hunt every week, but I enjoyed it anyway.
> I even enjoy the "play by play" that AB4EL sends in. I get to see what
> he heard, when, and how strong. Let's do another fox hunt!!

Thank you, Mike. Some people think we are "wasting" bandwidth because we are talking about *on-the-air* QRP activity. But then, if one is NOT on-the-air-active, that might make sense. :^)

> Mike KE4PC

I received three emails asking where the "companion" posting was...about the 160 M QRP antenna I put up for my run this week. I'm working 1-1/2 jobs...and so the piece is partially done...will post it this weekend (the check is in the mail). :^)

BTW, to repeat myself, 160 M is a *fine* QRP band. Check it out! :^)

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-1@netcom.com Fri Mar 3 17:02:36 1995

From: C=BAILEY%IS%211EIS@PAMDT.ANG.AF.MIL

Message-Id: <199503031849.KAA22626@netcom.netcom.com>

Date: Fri, 3 Mar 95 08:12:57 EST

Subject: re: Intro and plea for help

Dave,

Thanks for your humble introduction. Glad to meet you. I remember back in 79 when I was 23 years old. I had no money for ham gear. The license was free though. All I had to do was study (ARRL Handbook 76) and practice code (on borrowed tapes).

I had my Extra in less than 2 years after 4 trips to the FCC in Baltimore. I figured the money would be there later. Then I would buy a rig.

There are a lot of good kits out there. Get one that comes in pc board form less pots, case, knobs, etc. You can save a bundle by scrounging around for those parts.

Do you have a balcony or metal rail? Clamp on a Hamstick. They sell for about 18 bucks and work. I use one on the roof (metal) of my mobile home. We are not allowed antennas there either. I find that challenging too.

My elmer loaned me a Gonset communicator II (2 meter AM). I converted it to FM transmit and used slope detection for receive. I had to buy a \$10 crystal. Made my first contact on the local repeater with it!

I had a Heathkit HT for 2m. My first ht. It was a piece of trash. But, I eventually got decent rigs for HF and VHF. Took about 10 years. My point is that I now get more satisfaction out of doing more with less. Whether that be in terms of power or money, it does not matter. If I built it, then I enjoy it even more. My goal is not to have all the best commercial equipment. It is to have built everything I use. This is even going to include VHF SSB gear. (QRP of course). HF is the best place to start. Build a DC or superhet receiver or a crystal transmitter. Try going portable. Find a school yard with trees and throw up a dipole.

One thing about the QRP hams....they are some of the best encouragers I've met. We'll all cheer you on.

72 de cameron, kt3a

From owner-qrp-1@netcom.com Fri Mar 3 21:37:00 1995
From: lhalliday@creo.bc.ca
Date: Fri, 03 Mar 95 15:24:32 PST
Message-Id: <9502037942.AA794273072@mail.creo.bc.ca>
Subject: Mars (was: Miles Per Watt Trials)

If there is somebody listening at the other end, such communication is well within the capability of EME-capable stations.

Given a distance of 2.7×10^8 km (this is the 20th century, folks - miles have been obsolete for ages), the free-space path loss is 263 dB at 1.3 GHz, and 281 dB at 10 GHz - about the same as EME. It *is* a lot further, but the Moon is a lousy reflector, adding many dB to the loss. The path losses will be less at opposition, of course.

To do this at QRP power levels is improbable, unless you have *lots* (>60 dB) of antenna gain. This could very easily start another round of transmitter output power vs. ERP arguments... :-)

Interplanetary probes use QRP-ish power levels, but NASA and Co. can spend a lot more money on their receivers and antennas than any of us can.

73 from Burnaby,
laura VE7LDH

From owner-qrp-1@netcom.com Fri Mar 3 16:56:27 1995

Message-Id: <n1417885806.25656@msmailgw1.arlut.utexas.edu>
Date: 3 Mar 1995 13:17:35 -0600
From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>
Subject: RE: Miles Per Watt Trials

And there's that MARS award bowl up at ARRL for the first one to do it!

To: mmarmor@pluto.njcc.com
Cc: QRP-L@netcom.com
>From: RobCap@aol.com on Fri, Mar 3, 1995 12:18 AM
Subject: Re: Miles Per Watt Trials
RFC Header:Received: by msmailgw1.arlut.utexas.edu with SMTP;3 Mar 1995 00:09:54 -0600
Received: from mail3.netcom.com (root@mail3.netcom.com [192.100.81.127]) by ns1.arlut.utexas.edu (8.6.10/8.6.9) with ESMTMP id AAA00989 for <rohre@arlut.utexas.edu>; Fri, 3 Mar 1995 00:09:27 -0600
Received: by mail3.netcom.com (8.6.10/Netcom) id MAA02623; Thu, 2 Mar 1995 12:07:19 -0800
Received: from mail06.mail.aol.com by mail3.netcom.com (8.6.10/Netcom) id MAA02461; Thu, 2 Mar 1995 12:05:51 -0800
>From: RobCap@aol.com
Received: by mail06.mail.aol.com (1.37.109.11/16.2) id AA213304734; Thu, 2 Mar 1995 15:05:34 -0500
Date: Thu, 2 Mar 1995 15:05:34 -0500
Message-Id: <950302150533_37222928@aol.com>
To: mmarmor@pluto.njcc.com
Cc: QRP-L@netcom.com
Subject: Re: Miles Per Watt Trials
Sender: owner-qrp-l@netcom.com
Precedence: list

O.K. Let's see. Mars is 15 light minutes, 186000 miles per sec equals 167,400,000 miles. If we could make that QSO with 1 watt, that would be a great QSO! (About 10 times better than my QSO with Marty in Ft. Kent, but we're not finished yet.)

We have ham satelllites in space. We could avoid the problem of the Earth's atmosphere by hitting Mars from a ham sat.

I think you're on to something.

If there was a manned flight to Mars in our lifetime, that would be a heck of a project to work on.

73,

Rob, WA3ULH

From owner-qrp-1@netcom.com Sat Mar 4 01:04:32 1995
From: RobCap@aol.com
Date: Thu, 2 Mar 1995 11:51:08 -0500
Message-Id: <950302115107_37052015@aol.com>
Subject: Re: Miles Per Watt Trials

Having Pluto in your E-mail address won't help. But who knows. Now we can work KC4AAA at the South Pole, and the SAREX missions on the shuttle.

Perhaps, in our lifetime we'll be able to work KC4MARS, the manned space station on Mars. That would be great for miles per watt work.

73,

Rob, WA3ULH

From owner-qrp-1@netcom.com Fri Mar 3 17:34:35 1995
Date: Fri, 3 Mar 1995 07:35:43 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
Subject: Misc info...
Message-Id: <Pine.SUN.3.90.950303073131.15999A-100000@nimbus>

Hi to all,

I would like to say that I also enjoy hearing how others are doing in their quest for the fox, miles/watt etc. This is all a part of QRPing.

All the building, solder inhaling etc should (IMHO) lead to operating. I have only been doing this radio stuff for about 42 years and still learn things from others here on the net.

Keep it coming and stay on the air.

73's, Ron

.....KU7Y.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....

From owner-qrp-1@netcom.com Fri Mar 3 17:17:05 1995
Message-Id: <9503031455.AA22005@esds01.es.dupont.com>
Date: Fri, 3 Mar 95 09:55:35 EST
From: "Stephen M. Shearer, 695-7719" <shearer@eplram.dnet.dupont.com>
Subject: RE: NC40A -- MRF237

Wayne,

GREAT LITTLE RIG...

I knew there was a reason I havn't rushed to get my NC40A up and running with modifications from the past QRPp journals (I do need to find space in the shack to work, first).

I am planning to add a MRF237 to my rig (as I build it) and want to pass on my comments/thoughts (to all on inet) for doing the modification, as I have not heard of anyone else doing it the way I plan (I never did like to follow the crowd). Since the MRF237 has a reversed C/E lead compared to the 2N3553, longer leads and insulation/shrink tubing is needed to mount on "normal" side of the circuit board (or emitter path through a grounded heatsink and questionable inductance).

My plan is to use the 0.375" space under the circuit board for mounting a heatsink (customized) to the bottom case for good heat transfer of all the POWER. The MRF237 is 0.180" high and with 0.030 to 0.060 space between the transistor and the board (I plan on a teflon(tm) spacer, as I think I can find a few scraps here at work) -- leaving ~ 0.125" free space. The heat sink is going to be a 0.5" round brass with a 5/16" hole in the middle. One end I will drill/tap two (4-40?) mounting holes. The other end, I will turn down to ~7/16" and saw slots for the fingers to grab the transistor. Mount the heatsink to the lower case (careful measurments required - use the standoff hole as a reference), install the transistor in the heatsink with leads in alignment to the holes in the circuit board. NOTE TO BEST PART: the C/E leads are now going into the correct hole, WITHOUT crossing and without a grounded heatsink/emitter lead path. A standard heatsink, like the one supplied, may work just fine -- with limited air flow, I want the case to be part of the heatsink.

72/73, Steve WB3LGC

From owner-qrp-l@netcom.com Fri Mar 3 13:24:34 1995
Message-Id: <9503031130.AA13748@marel.is>
Date: Fri, 03 Mar 1995 11:27:04 +0000
From: kiddi@marel.is (Kristinn Andersen)
Subject: Newsletters, editors, publishing material..

Hi,

it looks like I'll be editing a local amateur radio newsletter for the next year. Does anyone know of a E-mail group or Internet home page for this subject? I'm looking for on-line material for the newsletter, such as operating events, technical stuff, propagation info, graphics

(such as comics/cartoons), etc.

Please respond directly to me at:

kiddi@marel.is

Thanks and 73 de TF3KX

From owner-qrp-l@netcom.com Fri Mar 3 13:19:41 1995

From: Johnson Russ <JohnsonR@ind2.indy.tce.com>

Subject: noise on the net list

Date: Thu, 02 Mar 95 17:54:00 PST

Message-Id: <2F567905@MSMAIL.INDY.TCE.COM>

Hello fellow QRPers,

Sorry for sending my unsubscribe to the wrong place.

I am new to the internet and find the list very interesting. We had some trouble with our internet connection and I had not received qrp-l mail for a few days so was trying to unsubscribe and resubscribe and picked the wrong alias from my mailing list.

I am N9RJ and like to work QRP and CW mobile sometimes at the same time. I usually run 50 watts but lately have tried 5 watts from my Kenwood TS-50 and have made a few contacts. I have a problem with running 5 watts with the TS-50 though as it wants to shut down after only a few minutes of operation.

It works fine on 50 watts or 100 watts. Anyone out there with the same problem?

I also have a Kenwood TS690 at home and can only turn the power down to 7 watts. Does anyone know how to turn it down to 5 watts?

Thanks to all,

Russ Johnson N9RJ

johnsonr@indy.tce.com

Near Beautifull downtown Beanblossom in the heart of Brown County Indiana

From owner-qrp-l@netcom.com Fri Mar 3 18:55:53 1995

From: Chris Barham <Chris@cbarham.demon.co.uk>

Date: Fri, 3 Mar 1995 16:51:26 +0000

Subject: Re: noise on the net list

Message-Id: <9503032033.aa09298@post.demon.co.uk>

Dear Russ, re: reduce 690 output power

Does your TS690 have an ALC input on the back (could be called Linear socket or suchlike)? If so you can probably wind back the power output by applying a suitable bias voltage to the ALC line. Check your manual but my own TS520 needs negative volts between -1 and -6 on this line . -6v will reduce the power output almost to zero. I made up a box with a 9v battery, a 100k pot and a 100k resistor to feed the ALC input and found that the battery lasted several years even without an on/off switch. No guarantees and it's your own risk but it might be worth a go.

73s Chris

Chris Barham, G4MYB : My opinions of my employer are my own business
Video editor
Manchester UK

From owner-qrp-l@netcom.com Sat Mar 4 00:58:13 1995
Date: Fri, 3 Mar 1995 16:01:01 -0800 (PST)
From: Monte Stark <ku7y@sage.dri.edu>
Subject: Re: NorCal 40A
Message-Id: <Pine.SUN.3.90.950303155303.8666A-100000@nimbus>

I wound the last coil today and applied the power.
Lo and Behold, it came alive!

Had to remove one turn to get it into the band but that was all.

Wish my swr was less than 3:1. Now to make a keyer for the little jewel, and then figure out how to get a antenna tuner in there.....

NO missing or extra parts! Can't say enough about the NorCal group.

Hope to hear you all soon.

73's, Ron

.....KU7Y.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....

From owner-qrp-l@netcom.com Fri Mar 3 13:41:28 1995
Date: Fri, 3 Mar 1995 08:06:23 -0500 (EST)

From: prvalko <prvalko@vela.acs.oakland.edu>
Subject: NorCal 40a Front Panels
Message-Id: <Pine.3.89.9503030741.B5305-01000000@saturn.acs.oakland.edu>

Hey... I made a VERY cool plastic overlay for the Norcal40a I built last week, yes I *WAS* like the second or third to order one last fall!

My panel was designed in Lotus Freelance graphics and was mirror printed on a Sharp JX-9460ps postscript laser with the "ink" on the inside so that it won't scratch off. It even has the NorCal logo on the front and rear panels. I poked holes where the dial shafts and jacks poke out and it seems to be held in place very nicely with just the nuts from the controls.

Got rave reviews from those that I've shown it to.

73! =paul= wb8zjl

From owner-qrp-l@netcom.com Fri Mar 3 16:29:47 1995
Date: Fri, 3 Mar 1995 07:48:33 -0700
Message-Id: <199503031448.HAA19336@mailhost.primenet.com>
From: aa7qy@PrimeNet.Com (Roger Hightower)
Subject: re: NorCal 40A kits

Edwin Teh, 9V1ZY asks: "...would this be considered 'doing business' over the air?". I don't think so....part 97 is murky, but does not prohibit ham-to-ham communications regarding the sale/trade of ham-radio items, and NorCal certainly doesn't qualify as a business. Among other vehicles, the amateur packet radio system was one place the initial offering was posted, and I don't believe anyone raised the question at that time.

I know some folks were concerned at not having received their kits...just thought I'd help calm them. Don't want to start a minor flap.

73, de Roger
aa7qy@primenet.com rhigh@aztec.asu.edu Ham Radio: AA7QY@KC7Y.AZ.USA.NA

From owner-qrp-l@netcom.com Sat Mar 4 00:23:30 1995
Date: Fri, 3 Mar 1995 20:06:10 -0800
From: dgf@netcom.com (David Feldman)
Message-Id: <199503040406.UAA19934@netcom14.netcom.com>
Subject: Norcal 40A: 6 hours bag to air

Took the Norcal 40A kit out of it's bag this afternoon, and had first QSO 6 hours later. Excellent build procedure! Takes a bit of getting used to

having the rig sit on top of the keyer rather than the other way around,
but that's life...

My only advice to upcoming builders is to recheck continuity across your
toroid coils & transformers with a VOM _after_ you've soldered into the
circuit - I was careful and still found one bad connection this way.

73 Dave WB0GAZ dgf@netcom.com

From owner-qrp-1@netcom.com Fri Mar 3 04:22:31 1995
Date: Thu, 2 Mar 1995 19:29:05 -0700
Message-Id: <199503030229.TAA16735@mailhost.primenet.com>
From: aa7qy@PrimeNet.Com (Roger Hightower)
Subject: NorCal-40A kits

For those who have not received their kit yet, I just received a packet note
from Jim, WA6GER, saying that the balance of the kits should be shipped by
this weekend.

Looking forward to receiving mine....and getting it on the air.

73, de Roger
aa7qy@primenet.com rhigh@aztec.asu.edu Ham Radio: AA7QY@KC7Y.AZ.USA.NA

From owner-qrp-1@netcom.com Fri Mar 3 19:51:21 1995
Date: Fri, 3 Mar 95 11:36:13 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9503031736.AA08545@chuck.dallas.sgi.com>
Subject: NR final results

Novice Roundup came and went.

The winner was Kevin Anderson, KB9IUA (/N), who posted a score
over 14,000. He gets his choice of either an OHR Sprint for
40M or 30M already built, as I didn't save them in the box. :-)

Hopefully Kevin now has his code speed up so that if he opts for
the 30M version he will be able to get up there. I wanna be his
first contact. :-)

Congratulations Kevin.

73

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Fri Mar 3 16:18:23 1995
From: PDouglas12@aol.com
Date: Fri, 3 Mar 1995 11:06:34 -0500
Message-Id: <950303110632_38087905@aol.com>
Subject: NW80/20 Review (repost-long)

Steve,

I think the following report will give you all the info you asked for.
Originally posted 2/2/95. I have been using the NW80/20 on 40m for a month now and still really like it. I am reposting the review by cc to the list with some trepidation as it is a repost, and it is long. Apologies to those who don't need it, but I have gotten a number of requests, and it is becoming time consuming to repeat the individual mailings.
Preston WJ2

-----Report-----

Internet QRP-L Report Form

(Modified)

MFR: Dan's Small Parts and Kits

ADR: 1935 So. 3rd West No. 1, Missoula, MT. 59801

TEL: 406-543-2872

DESIGNER: Roy Gregson W6EMT 13848 SE 10th St., Bellevue, Wa 98005

MODEL: NW80/20 (Northwest 40m tested)

SIZE: 3" x 5 1/4" x 5 7/8" Radio Shack #270-253A (included, but not drilled/punched/or labelled)

WEIGHT: Heavy, guessed at 3lbs, partly due to heavy gauge steel of cabinet top making package very sturdy.

PC board: Single sided, Silk Screened, perfect fit in above cabinet

MANUAL: 22 Pages, quite excellent with few errors. Construction is step-by-step with modular circuit assembly of subcircuits, tested in stages, giving the builder a great sense of confidence in the probability of success at completion.

POWER: 12-13.6VDC

RX Current: 46 ma @ 13.6; 43ma @12v

TX Current: 1.1A @ 13.6 for 5w; 950 ma @12v for 3.5w (will put out 5w at 12v, but would then exceed 5w at 13.6)

MODE: CW

KIT: Yes. Complete--builder will likely want to throw out RCA chassis mount jacks in favor of 1/4" and 1/8" jacks and the crummy DPDT slide switch for AF filter will routinely be junked for a toggle by most builders. That switch is unworthy of the rest of the kit.

BANDS: Monobanders available on any single band: 80, 40, 30, 20.

VFO: 2.8-3mHz. reduction cap with nice brass dial collar with clear plastic/red line pointer. Builder makes dial lines/markings on face of cabinet. (Try white contact paper with rub off lines and numbers, covered with clear contact paper--neat, good looking and no spraying.)

DRIFT: Not measured, and none noticed.

RX: Superhet, discrete VFO->602->xtal fil->1350->602->386->AF filter

TX: 5w++ (will go to 7-8w at least, if you want it) bd mtd pot for 0-5+watts
w/builder supplied panel mounted power control pot option

FILTERS: 4 pole xtal and switched AF

SELECTIVITY: not meas. est 1000 or 400 w/ AF fil on.

RIT: Yes

GAIN: AF only

AGC: No

PREAMP: No

ATTEN: No

SPKR: Drives a 5" easily and LOUD (Builder supplies the speaker)

METER: Yes, but...this is a relative power meter only, no sig meter (no AGC, so no sig voltage availble) and hardly worth the effort to cut the cabinet to fit the meter. Meter was used for construction testing, and was useful there.

Notes: I am the kind of consumer sellers must dread. First, I have no hesitation corresponding, writing, and complaining, and I generally make a pain in the ass of myself with kit makers. My NW 40 worked off the bat, but I didn't like the very loud thump on changeover to receive. I worked with Roy, W6EMT, the designer who couldn't have been nicer or more concerned, and he eventually created a gimmick cap to cure my unusual problem. (Created by my ignoring cabinet templates and putting controls in such positions that inductive loops were created.) I paid Dan's the \$3.00 he asked for a look-see copy of the manual (refundable against an order), and the manual sold me. One part I liked was that the manual includes Roy's address for kit problems. (Cost: \$25 ppd which seems very fair to me.) Every kit builders nightmare is a dead radio at the end of 30 hours of work with no one to help rescussitate the lump. That is always my fear with Radiokits, even though I really like their tiny size and overall performance. This kit will outperform everything in its price range, and I include even the venerable and excellent OHR kits in this price class (which lose on excess size, receive audio and 2watt output)

Price of this kit is \$99.95 + 3.75 postage. Don't go for the stripped \$70 version as it does not include the very good AF filter, nor the meter, case, knobs, dial collar etc, all of which are good, and worth 30 bucks.

Dan's doesn't take phone orders because they don't accept plastic money. You have to send him a MO or check (They may wait to clear the latter so MO is fastest.)

From owner-qrp-1@netcom.com Sat Mar 4 03:29:09 1995

Subject: On checkers and bingo

From: brian.carling@acenet.com (Brian Carling)

Message-Id: <2a6.12874.500@acenet.com>

Date: Fri, 03 Mar 1995 21:35:00 -0500

>From: brian.carling@acenet.com

W4RNL writes:

CE>Ingenious but gimmicky. I enjoy reading of net-member achievements in
CE>terms of operating successes, but would likely unsubscribe if the list
CE>were filled with game scores--and that would cause the loss of other very
CE>valuable information exchanged here. Would prefer that future "hunts" be
CE>simple and equally attractive to both regular and intermittent
CE>operators. The "fox" system seemed to fill that role quite well
CE>(although my qrp rig did not arrive in time to let me do more than read
CE>the mail).

I enjoyed your thoughtful post, and agree that the games seem
over-complex.

However, the fox hunts have been a complete disappointment to me
so far, because almost all of them for the past 2 months have been way
out west, and do not propagate east of the Mississippi where I live.
I did FINALLY hear the fox this week for the first time (AB4EL)
because he is closer to the East coast!

But the difficulty is what makes the challenge exciting and the eventual
FOX contacts will seem like a real achievement to me when I finally
HEAR them & work them!! 72 de AF4K,

>From: brian.carling@acenet.com

~ SLMR 2.1a ~ Practice DELIBERATE kindness and unselfish acts of love!

From owner-qrp-l@netcom.com Fri Mar 3 18:17:32 1995

Date: Fri, 3 Mar 1995 13:45:08 -0500 (EST)

From: Brien Pepperdine <pepperb@govonca2.gov.on.ca>

Subject: Panel labels via decals

Message-Id: <Pine.OSF.3.90.950303133837.23006A-100000@govonca2>

There is a product "stray" in the March QST regarding a new product. This
one you can run through your laserwriter and you end with the printing on
a water decal transfer sheet. Another pretty good panel label idea.

Sounds neat - though I would think a few tries might be required to get a
decal on with no wrinkles. I used water decals for sailboat labelling
about 15 years back and I think about 1 in 5 I would end up with being
messed up and removed. But patient squeegeeing can get it on fine.
And they are thin - about .1 millimeter I think.

And think of all the other water decals you can buy - Hurst Shifters,
Screamin' Woody Mufflers, Pennzoil, STP (The Racer's Edge) !!!

Brien

VE3VAW
Toronto
pepperb@gov.on.ca

From owner-qrp-1@netcom.com Sat Mar 4 02:08:52 1995
Date: Fri, 3 Mar 1995 20:45:06 -0700 (MST)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: pictures of circuits
Message-Id: <Pine.SUN.3.91.950303203753.13066B-100000@ume>

Ve7qk just sent me a color picture of a completed epiphyte. As is this is my first "no hand holding, minimal instructions" construction project I must say it is a big help.....if propagation gods do not favour arrl dx ssb qrp effort this weekend I will hopefully have it all together soon. Anybody out there got a Color Picture of their completed Norcal 40A? I would be happy to send an sase and a dollar or two for costs. My norcal 40a not here yet but being out of country and the end of the alphabet does have it drawbacks!

Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
Email: zabrodsk@med.ucalgary.ca * NorCal 519 ARCI 7099 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276 * "Power is no substitute for skill"

From owner-qrp-1@netcom.com Fri Mar 3 13:31:27 1995
Date: Thu, 2 Mar 1995 13:15:18 -0800 (PST)
From: John Dundas <ab6dg@netcom.com>
Subject: Re: QRP Wattmeters - need advice!i
Message-Id: <Pine.3.89.9503021342.A8181-0100000@netcom6>

On Wed, 1 Mar 1995, David D. Meacham wrote:

> Hi Anders, I love my OHR WM-1. I put the LED "ON-light" mod in it and now
> I don't forget to turn it off! I have only one bad thing to say about the
> kit. The SO-239-type connectors supplied are TERRIBLE! The collet is a
> SINGLE split in a sleeve. It is very difficult to insert a PL-259 plug
etc.>

>

Dave--glad to see your message--I thought my arms had lost all their

strength when I couldn't get the 259's in the wattmeter!

72/3 de John AB6DG

From owner-qrp-l@netcom.com Sat Mar 4 01:11:25 1995
Date: Fri, 3 Mar 1995 20:34:19 -0500 (EST)
From: Michael Marmor <mmarmor@pluto.njcc.com>
Subject: QRPP?
Message-Id: <Pine.BSI.3.91.950303203022.12984A-1000000@pluto.njcc.com>

I joined Norcal in early December and have yet to receive my first copy of QRPP. Should I have received my first copy by now or have I been accidently left off the list.

I know they must be quite busy with NC40A stuff.....

73 de AA2UJ
Michael Marmor
mmarmor@pluto.njcc.com

From owner-qrp-l@netcom.com Fri Mar 3 16:22:52 1995
Date: Fri, 3 Mar 1995 08:54:15 -0500 (EST)
From: Wynn C C <wyn@stc06.CTD.ORNL.GOV>
Subject: Re: Question about panel labeling
Message-Id: <Pine.OSF.3.91.950303085132.1289A-1000000@stc06.CTD.ORNL.GOV>

>

>There were some postings recently concerning the use of, I believe, adhesive
>backed clear film that could be feed thru a laser printer, for use in panel
>lettering. I checked at a local office supply, and they did not know what I
>was talking about. Is there such a thing, or does one just add an adhesive
>(spray or whatever) to normal clear film (like used with overhead
>projectors)? If it does exist, what is it called?

>

>Thanks for any and all help -- 73, Larry W1HUE/7

Larry,

I think this is what you are looking for:

Clear Copier Labels - up to 2" x 4 1/2" size, 200 labels
per box. Self-adhesive address labels
for dry toner copiers, Labels virtually
disappear on colored, white and textured
envelopes and paper. Create master once,
and copy onto these clear labels.

Stock Number - Avery 5308

Price - \$16.88 per box from our local supplier.

Smaller sizes and more per box available also from Avery.

73,
Clay Wynn N4AOX
wyn@ornl.gov

From owner-qrp-1@netcom.com Fri Mar 3 22:56:44 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Recap--N0OCT in Rockville, MD
Date: Fri, 03 Mar 95 17:06:10 EST5EDT
Message-Id: <1995Mar03.170610.5727@wb3ffv.ampr.org>

The meeting with Jim, N0OCT in Rockville, MD went a lot better than the meeting with K5FO in Silver Spring last year, mainly because we actually met up with N0OCT. (K5FO said he was going to send info on the meeting place at the last minute, and then it was eaten by his system so we all missed him.)

We had a nice comedy of errors. I sent out a last minute reminder the night before, and ended it with something like "see you Thursday!" Five microseconds after the message was on its way I realized the mistake and sent a second message immediately, correcting it to Wednesday. Naturally, AF4K never got the correction, just the wrong one. N0OCT and I stood in the lobby of the Ramada Inn for a half hour past the meeting time and no one showed up. I called AF4K, who thought it was the following night, and convinced him to drive over. I called Bruce, W6TOYs house and was told he had left 20 minutes earlier. Brian, AF4K showed up soon enough, the three of us waited for a while, and an hour after the meeting time we gave up and drove to a nearby restaurant. I called W6TOY from there. I had put out a message last week giving directions, saying it was at the Ramada Inn on Rockville Pike, across the street from the Crown Plaza Holiday Inn....three guesses where W6TOY waited for a half hour before he gave up and went home. I talked him into coming to the restaurant, and everyone eventually got together.

N0OCT brought along his neat little homebrew OXO rig from SPRAT, built into an old IF transformer can. I brought my tiny rigs, including a couple of the DB25 rigs by me and WG3R (his was a complete 40 meter CW transceiver with internal VFO, and phasing DC receiver, all in the pill bottle), as well as a sample of the package for Phase II of the DB25 challenge (that one is only 0.49 cubic inches volume, compared to the .75 cu in of the pill bottle for the original DB25 rigs). No one else had any rigs with them, but we had a good 2 1/2 to 3 1/2 hour QRP discussion (depending on how late people staggered in). I also sold some TFM-2 mixers to W6TOY and

AF4K for 55 cents each; N00CT didn't get any, since he had shipped them to me a couple weeks ago (for 50 cents each). I also brought along a copy of W6TOYs column for the April issue of the QRP Quarterly to let him see what it will look like in print--I am now doing it up as camera-ready copy, using Microsoft Publisher.

Brian--I appreciate your taking Jim back to the hotel, since you only had a 5 mile drive home and I had to go thirty...and I wasn't making up that story about the two banana peels on the passenger seat of my car, either--I showed them to Bruce when we left and he can verify it. (The Washington Beltway is a LOT more fun to drive at 2245 hours than at 1830!)

This business of using the QRP list to arrange local meetings when QRPers travel around the country is really great! (Joe Everhart, N2CX, stopped by my house the night before when he was in town, but that's another story.) 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Sat Mar 4 01:05:18 1995
Date: Fri, 3 Mar 1995 14:11:05 +0600
From: ges@praxis.pcco.com (ges@240pob)
Message-Id: <9503032011.AA08944@praxis.pcco.com>
Subject: requiem for a fox hunt

Just a note on the late, great first-ever qrp hf cw fox hunt. I've been asked what kind of antenna, etc., I used while pursuing mr fox. The answer is ... nothing spectacular. All contacts were made with an HW-8 (1 watt on my homebrew meter) for a transmitter and most were made with a Yaesu FRG-100 for a receiver. Antenna is a dipole up about 25 ft situated north-south. That's it - but in the works are a transmatch/G5RV and a dsp filter (and, oh yeah, a xcvr from Small Wonder). I guess that I'm already thinking about the next foxhunt!!!

I don't know how to properly thank Chuck , K5F0, for the concept, prizes, etc., nor the foxes for their sometimes heroic efforts at digging weak ones out of the noise, so I'll just leave it at that. Thank you.

The foxhunt was interesting, entertaining, rewarding, educational,

and at times frustrating, and at other times, very frustrating - but it was always fun. However, unlike some other contests, the foxhunt wasn't without a purpose - it got some of us to dust off our keys and do a little qrp operating. I think it fulfilled its purpose very well.

73s, K5UP

Glen E. Stockton
K5UP

ges@ppco.com
Bartlesville, OK

From owner-qrp-l@netcom.com Fri Mar 3 14:44:02 1995
Message-Id: <199503031634.AA13492@zia.aoc.nrao.edu>
Date: Fri, 3 Mar 1995 09:34:10 -0700
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: Results ... NO RADIO CHECKERS!

To all,

The negative responses to the radio checkers/bingo thing overwhelmed the positive ones. Many expressed concerns that such activity would turn QRP-L into a contest forum and daily scoreboard, and those interested in the TECHNICAL aspects of QRP would unsubscribe. I TOTALLY AGREE and this did not occur to me when offering the suggestions. I hereby formally withdraw and "can" the radio checkers/bingo proposals.

The majority of my posts have been technical with modifications, testing of QRP rigs, component data information, etc. Since I do this as a living as well as a hobby, this is what I enjoy and will continue to offer QRP-L. I APOLOGIZE TO THE LIST for my inadvertent attempt to distort our "mission." I also appreciated the honest opinions received ... it got me back on track and that harsh feedback, done with kindness, is what makes QRPers great!

I love the FOX activity ... think it is well suited for its purpose and probably all QRP-L can stand. Other than that, occasional suggestions to get together at certain times and frequencies should suffice.

My offer to print certificates still stands, and several of us New Mexico QRPers are working on some ideas for a fun-type certificate for QRPers, but will be based on normal QSO'ing (like WAS), no special exchanges.

Also ... our local ham club has received preliminary permission to operate a special event station from the Trinity Site on White Sands Missile Range on July 16th for the 50th anniversary of the first atomic bomb test. We will have several QRO stations (the Army will allow 50W maximum!) and I have agreed to operate a QRP station all day. This is advance notice only, and provide more details later as they develop. But it does appear they will

allow operation only during daylight hours on that day. (30M???)

I will be posting some data sheets next week on the NE602, MC1350, etc. chips most QRP rigs use for your information. I notice the technical description of these chips is hard to find in most QRP literature, so will post for your interest.

72, Paul NA5N

From owner-qrp-l@netcom.com Fri Mar 3 14:28:39 1995
Date: Fri, 03 Mar 95 06:47:10 ast
From: "Jim Larsen" <jlarsen@alascom.com>
Message-Id: <9502037942.AA794242717@mailrouter.alascom.com>
Subject: Re[4]: NORCAL 40A REVIEW

The solar flare must have arrived here last night. Dead, Dead DEAD!!!! I heard one signal on the whole cw band from 7.000 to 7.060. I was there last night on and off from 0230 to 0400. It's no wonder you guys have trouble with Alaska. :-)

>From a purely practical standpoint, we should get some Juneau or Ketchikan guys on for you. I'm 1450 miles from Seattle, and while I did work W6EMD, Dave, on Wed night, I think the gray line had something to do with it. Juneau is 600 miles south and Ketchikan even farther. (It's just not fair!! Of course who said propagation and geography was fair. <Sniff.>)

Even if I'm not your 50th state on 40, I'd still like to work you, Chuck. (And since I am sending this to QRP-L...I'd like to work all of you.) This QRP-L has rejuvenated my interest. Band conditions had kinda killed it. Well, wounded it anyway.

73,

Jim
AL7FS
Anchorage, Alaska

From owner-qrp-l@netcom.com Fri Mar 3 18:23:08 1995
Date: Fri, 3 Mar 95 11:28:18 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9503031728.AA08514@chuck.dallas.sgi.com>
Subject: Re: Re[4]: NORCAL 40A REVIEW

Jim,

Just post to the qrp-l group the nites that you are going to be

on 40M or any band for that matter and we'll all try to work you.

You'll become the official KL7 station for the qrp-l group. :-)

I've been to Juneau, Ketchikan, and Skagway. The most beautiful part of the world that I've ever seen. Kinda like Cancun Mexico now as I get older and had lost 65 pounds. No insulation. :-)

The band should recover in a week, so if you want to set aside some night late next week, the group can try you again. AK or bust!

73

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Sat Mar 4 02:31:31 1995
Date: Fri, 03 Mar 1995 16:44:46 GMT
From: g3rjv@gqrp.demon.co.uk (Rev George Dobbs)
Message-Id: <2853@gqrp.demon.co.uk>
Subject: SPRAT 82

SPRAT 82 IS NOW WITH THE PRINTERS

It will be mailed on the last day of March - I hope!

Contents:

Gremlin 20m CW Transmitter

G4RGN - A VFO/Mixer TX of simple and stable design

HF9 TRF Receiver

Mongrel Transmitter

both by G0KJK - Keith runs the simplest possible station: a TRF RX and XVO TX set up for a range of bands. This is his only equipment and is described for various band options. A simple way to run HF QRP.

T2/R2 QRP SSB Transceivers

K7RO - A full article with schematics based on practical ssb transceivers from ideas from K7RO and NB7B, including the 40m Biker Transceiver.

Plus a full bibliography of the KK7B articles and kit information

KK7B Technical Cartoon

Rick describes minimum component phasing receiver front ends

The KLAT 40m Transmitter

VU2KLA - simple little rig to put along a pocket SW RX for portable work

5w Amp for Epiphyte

VE7QK - latest version of the Epiphyte amp

VFO for the Epiphyte

KI6DS - a description of Doug's circuit, with advice from VE7QK

80m Valve Transceiver

RK3ZK - for the tube fan. A real economy rig using all sorts of junk bits. the PA coil is wound on an old shot gun cartridge case ! RFCs on pencils.

The R.A.T. - Receiver as Transmitter

G3JJQ - An interesting article which describes how to convert a budget PLL all wave RX into a transmitter or transceiver.

30m QRP Transmitter

G3FCK - another one for the tube fan

A.A.A. - G8PG's column on Antennas and Ideas

plus a range of

QRP News - Contest News - Novice, Members, VHF, SSB News

DON'T GET SPRAT? NOT A MEMBER OF THE G QRP CLUB?

YOU CAN NOW SUBSCRIBE DIRECTLY BY CREDIT CARD

The G QRP Club takes membership and sales by MasterCard and Visa

To Join - Send

Your FULL NAME AND ADDRESS - CALLSIGN - NAME USED ON THE AIR

FULL CREDIT CARD NUMBER - TYPE OF CARD MasterCard/Visa only accepted

THE EXPIRY DATE OF CARD

to:

John Leak G0BX0

Flat 4, 56 Heath Crescent

Halifax.

HX1 2PW

England

The membership fee is 12 dollars.

Future membership years can be renewed in the US, France, Holland, Germany, Belgium, New Zealand via local club representatives.

George Dobbs G3RJV

G-QRP Club

"It is vain to do with more,
what can be done with less."

----- William of Occam (1290-1350)

From owner-qrp-l@netcom.com Sat Mar 4 00:58:38 1995

Date: Fri, 3 Mar 95 17:16:09 MST

From: miker@cc.com (Mike Robinson)

Message-Id: <9503040016.AA18962@cc.com >

Subject: Steve's MRF237 mod

> Steve is going to put his MRF237 on the underside of the
> NorCal40a circuit board and tie the heatsink to the
> bottom of the case.

Sounds great Steve! Just don't pick up the rig right after
a QSO ;^}. OUCH!

It'll also be a hoot when you take the top off and others
recognize right away that you don't have a final in the rig!

I like it.

=====
7.3 de Michael aa0ub | QRP: Am I getting out?
miker@cc.com | My neighbors have stopped complaining.
=====

From owner-qrp-l@netcom.com Fri Mar 3 17:49:28 1995
Message-Id: <2f572518.pandora@pandora.lugs.po.my>
Date: Fri, 03 Mar 1995 22:17:58 +0800
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.po.my>
Subject: tentative listing

Hi Gang,

Please go through the following and see if you're left out? Or if there are changes you want to make. The next time I post will probably to contributors only. Thanks.

73 de 9V1ZV Daniel

Name	Ken Prentice
Callsign(s)	ex VE3LKC
Email address(s)	prenticek%7188@gmr.com
QTH	Millbrook, Ontario
Equipment	Yupiteru MVT7100, long wire, mobile whip, rubberducky
Favorite band/mode	SWL all bands CW SSB FM AM WFM
Areas of interest	Electronics and scanning the bands

Name	Dr. Willibald Kraml
Callsign(s)	OE1WKL (OE3WKL soon)
Email address(s)	kraml@topics.co.at, kraml@kpmg.co.at
QTH	A-3040 Neulengbach, Gangelbergergasse. LOC JN78XE
Equipment	Yaesu FT767, ICOM IC202, QRP+ (ordered), no antenna, yet (I moved to this loc recently)
Favorite band/mode	nothing especially favorite (yet)
Areas of interest	None

Name	Derry Spittle
Callsign(s)	VE7QK
Email address(s)	jds@freenet.vancouver.bc.ca
QTH	North Vancouver BC
Equipment	Homebrew SSB transceivers & Kenwood TS130S, Homebrew 10GHz. 3-el tribander beam + 75M inverted Vee, 2M packet
Favorite band/mode	80m. QRP SSB
Areas of interest	QRP SSB & home construction

Name Rich Mulvey
Callsign(s) N2VDS
Email address(s) rkm@vectorbd.com
QTH n/a
Equipment Norcal 40, Sierra, Argo 509, MFJ 9020
Favorite band/mode n/a
Areas of interest n/a

Name Chris McCormack
Callsign(s) N00QT
Email address(s) c.mccormack@ieee.org,
chrismc@eecs.umich.edu
QTH Ann Arbor, MI
Equipment HW-8, old navy key, old Vibroplex (I can't use, yet)
Favorite band/mode Currently in graduate school, too busy to do much.
Areas of interest Design and construction.

Name Richard (Dick) Szakonyi (S & S Engineering)
Callsign(s) KA3ZOW
Email address(s) dzak@aol.com
QTH 14102 Brown Rd, Smithsburg, Md, 21783 USA
Equipment Ark xx, Ark4, TAC1
Favorite band/mode 80m, 40m, 30m, 20m
Areas of interest Homebrewing

Name Jim Cummings
Callsign(s) VE3XJ
Email address(s) jcumming@clark.dgim.doc.ca
QTH Rockland, Ontario (about 40 km down river from Ottawa)
Equipment IC751, IC735, Kanga CSP,
(20 metre SSB/CW QRP rig currently under construction),
Bencher paddle with Idiom memory keyer (rarely used),
PK232MBX with Sanyo 286 computer.
Favorite band/mode 20m, 40m, 15m, RTTY, Amtor, Pactor
Areas of interest To be first VE Honour Roll for RTTY

Name Dave Burniston
Callsign(s) VE3LFO
Email address(s) davidgb@bnr.ca
QTH Carp, Ontario just west of Ottawa
Equipment Norcal40, SW30-40, HW8, various homebrew items,
80M delta loop and homebrew keyer with touch paddles

Favorite band/mode 80m, 40m, 30m CW, 80m SSB
Areas of interest Homebrew

Name Richard Haynes
Callsign(s) N5QXF
Email address(s) rhaynes@csc.com
QTH Fort Worth, TX USA
Equipment IC-725, NorCal 40A, Heath DX-20 & DX-40
Favorite band/mode 10m, 15m CW
Areas of interest None

Name Tom Bowman
Callsign(s) WA3REY
Email address(s) tbowman@leba.net
QTH P.O. Box 636, Mt. Gretna, PA 17064
Equipment TS-430s, NN1G 30m, G5RV,
Also, variety of 2-meter and packet stuff
Favorite band/mode 40m, 30m, 2m FM
Areas of interest Homebrew, QRP

Name Daniel Wee
Callsign(s) 9V1ZV
Email address(s) daniel@pandora.lugs.po.my
QTH 7 Mount Sophia Rd, Singapore 0922, SINGAPORE
Equipment Ark-20, NN1G-20, OHR Classic, Radiokit-20,
Homebrew 5 watt TX, ICOM IC-725, IC-22A,
Standard C150E HT, MFJ-1270B TNC, Dipole on 20m,
Kenpro keyer/paddle, Kenpro straight key
Favorite band/mode 20m CW
Areas of interest Homebrew, QRP, design, computers/digital, software

Name Warren E. Lewis
Callsign(s) AD4ZE, ex KS4ET and KD4YRN (Current valid CBA)
Email address(s) saswel@unx.sas.com
QTH Cary, North Carolina
Equipment NorCal40, TS450, and TS820,
MFJ - Bencher Clone Paddles and Keyer,
132ft Dipole up about 25 feet
Favorite band/mode 40m CW
Areas of interest Contesting and DX hunting

Name Pete Rossi
Callsign(s) WA3NNA

Email address(s) rossi@vfl.paramax.com
QTH Newtown Square PA (FM29hx)
 Delaware County - 15 miles west of Philadelphia
Equipment OHR Classic (20/40), OHR Spirit (30), Drake 2B/2BQ,
 Heath SB-301/401/220, 40 - inv vee, 80 - inv vee,
 20 - dipole
Favorite band/mode 40m, 80m CW
Areas of interest None

Name Henry B. "Smitty" Smith
Callsign(s) NA5K
Email address(s) hbs@crl.com
QTH Fairview, TX (Near Dallas)
Equipment Mobile CW - TS-50, Bug Catcher, Vibroplex Paddle
 Home - TS-430, Delta loop, NYE Paddle
Favorite band/mode 40m, 30m, 20m CW, 6m SSB, FM
Areas of interest Mobile CW, QRP

Name Dough Heacock
Callsign(s) AA0MS
Email address(s) heacock@ukans.edu
QTH Lawrence, KS (USA)
Equipment Drake TR-3, 40m Ugly Weekender XCVR,
 Various little transmitters, Kent Iambic paddle,
 end-fed Zepp
Favorite band/mode 40m CW
Areas of interest Homebrewing

Name Richard Hieber
Callsign(s) DL8MFQ, AA8CP
Email address(s) sz0026@daphne.rrze.uni-erlangen.de
QTH Study-QTH /p in Erlangen, Germany
 Home-QTH nr. Ulm, Germany
Equipment TS-440S modified and turned down, OHR WM-1,
 OHR 20m CW TRX kit, 2 ele delta loop for 17m,
 various wire antennas
Favorite band/mode 17m, SSB, QRP AMTOR/RTTY in future
Areas of interest QRP clubs (maintaining a QRP clubs list)
 working albeit slowly on a FAQ for QRP-L
 still saving money for a QRP+ from Index Labs

Name Ronald Doyle
Callsign(s) N8VAR
Email address(s) RonaldDoyle@ichange.com,

QTH	Ronald.Doyle@daytonOH.attgis.com
Equipment	Huber Heights, OH (Suburb of Dayton) Knwd TS-430s, Heathkit SB-401/303, Ant is a Multiband trap dipole up 20 feet at the feedpoint and 8 feet at the ends.
Favorite band/mode	Work all bands SSB and try to do CW, just try get on with who's there and have fun.
Areas of interest	Packet (2meter mostly), Learning about SIMPLE and CHEAP antennas. Hope to put together a portable rig to take on Boy Scout outings that will have SSB and CW on one or more bands.

Name	James C. Eshleman
Callsign(s)	None (Ex-WB3BKG, Tech)
Email address(s)	lujce@Lehigh.EDU
QTH	2204 Weida Lane, Hellertown, PA 18055
Equipment	Kenwood TR2200a? 2M FM portable
Favorite band/mode	None
Areas of interest	Getting a new license (at least a tech-plus), HF CW QRP, building (anything)

Name	Dah-Jyuu (D.J.) Wang
Callsign(s)	N2YKP
Email address(s)	djwang@happy.biophys.upenn.edu, djwang@ginger.biophys.upenn.edu
QTH	239B Princeton Rd. Haddonfield, NJ 08033
Equipment	ICOM 735, ICOM 730, FT470, DJ160, TM321A, NN1G, homebrew SSB/CW rig (yet to be completed), Triband dipole in attic
Favorite band/mode	40m CW, 20m SSB
Areas of interest	QRP homebrewing, DSP, DDS

Name	T.E. 'Doc' Drake
Callsign(s)	W5TB
Email address(s)	tdrake@metronet.com
QTH	Arlington, TX
Equipment	Century 21, OHR EXplorer [40], NN1G-30, Bencher Paddle, Random wire, TA.33jr at 33'.
Favorite band/mode	n/a
Areas of interest	n/a

Name	Eric Swartz
Callsign(s)	WA6HHQ
Email address(s)	erics@cruzio.com

QTH 434 Vista Del Mar Dr., Aptos, CA 95003
 (60mi South of SF on the Monterey Bay)
 Equipment NorCal40 (Heavily modified: S-Meter, Keyer, XIT/RIT)
 NorCal Sierra, NorthEast QRP Club 30-40 30m rig
 Bencher Paddles, Pro-67B Yagi (2el on 40,
 3 on 20-17-15-12, 4 on 10), Dipole on 30m,
 130ft Vert wire to a tree for 80/160m,
 Lots of Lab Equipment, and some QRO stuff...
 Work in progress: Epiphyte 80m SSB rig & 5w amp
 Rick Campbell Direct Conversion Tx/Rx
 Favorite band/mode 40m CW!, 160m CW/SSB, 17m, 30m, 10m
 Areas of interest QRP DXing (pure torture!), Radio Design,
 Antenna Design, Computer Modeling,
 Computer Control of Rigs, Propagation, Rag Chewing

Name Ying Hum
 Callsign(s) VA3YH, VE3FUB, VA3HUM
 Email address(s): ab268@freenet.carleton.ca,
 va3yh@va3hum.ampr.org
 QTH Ottawa, Ontario, Canada
 Equipment Kenwood TS820S, Heath HW16, homebrew CW QRP rig,
 Bencher paddle, 40m dipole in the attic,
 AEA IsoLoop in the attic
 Favorite band/mode 40m
 Areas of interest Homebrew small QRP transceiver,
 My QRP CW rig + antenna tuner + Battery + audio filter
 + key + paper pad + clock all fit into a 1.5" thick
 3 rings binder. (approx. 9 x 12 x 1.5 inches)
 High speed packet (56K)

Name Donald L. Kozlovsky
 Callsign(s) KE9GG
 Email address(s) kozlovsk@ix.netcom.com
 QTH West Chicago, Il.
 Equipment I own about 7 rigs and nothing runs over 5 watts.
 Favorite band/mode 30m, 15m, 20m, 10m
 Areas of interest DX, am editor for NEIQS (NirtgEast Illinois
 QRP Society), building

Name Stan Goldstein
 Callsign(s) N6ULU
 Email address stan@cruzio.com
 QTH Watsonville, Ca (about 30 miles north of Monterey)
 Equipment Norcal 40 , Sierra, NE 30-40, Yaesu FT-7,
 Vibroplex single lever,

	4 EL Quad for 10-15-20, 2 el yagi for 40 that also works on 12 & 17. These antennas are on the same boom @ 90 feet, dipole on 30, delta loop on 80
Favorite band/mode	40m CW
Areas of interest	QRP DX-ing

Name	Stephen M. Shearer (Steve)
Call sign(s)	WB3LGC
Email address(s)	WB3LGC@aol.com, SHEARER@eplzoo.dnet.dupont.com
QTH	Wilmington, Delaware USA
Equipment	IC701, TS440, HW8, IC502, FT726, Bencher paddle, HF = center fed w/450 ladder line - random length (~135') dipole @ 30', VHF/UHF = assortment of antennas, most not in service, including OSCAR
Favorite band/mode	VHF/UHF SSB/FM, 6m QRP w/IC502 (SSB)
Areas of interest	Since the HW8 was my first rig, and I did make a few cw contacts - back then, I am looking forward to getting the NorCal40a on the air, my cw speed up and upgrade my priv's. I also enjoy antenna theory and design.

Name	Dan Johnson
Call sign(s)	KC4EWT
Email address(s)	Johnson_Dan@aac.com
QTH	Herndon VA
Equipment	IC-745 (2W min), 40M Two-Fer/Neophyte, 20M VXO TX, Nye Master key, Bencher RJ-1 key, Vibroplex iambic, various wire and vert ants
Favorite band/mode	40m CW (QRP & QRO)
Areas of interest	HB antennas, vintage gear (Boatanchors and soon HB old circuits), HB accessories and rigs, CW evangelism (promote the mode), pack ratting, occasional contesting

Name	John W. Kelly
Call sign(s)	AA8LF
Email address(s)	bf199@freenet.buffalo.edu
QTH	DeWitt, Mi. USA
Equipment	Knwd TS450S, OHR 20m, 40m oner, Vibroplex iambic paddles, inverted vees, loops, vertical, random wire
Favorite band/mode	40m, 30m
Areas of interest	Kit building, antennas, teaching code

Name Paul R. Valko
Callsign(s) WB8ZJL
Email address(s) prvalko@vela.acs.oakland.edu
QTH Oakland Twp. MI @50km north of Detroit
Equipment Ten Tecs - Corsair 1, Triton IV, C-21, C-22, PM1, PM2B, (2) PM-3A, NN1G, MFJ-9040, HW-16
Favorite band/mode 40m - any mode
Areas of interest Rag Chewing, VHF/UHF grid hunting, kit building

Name Dave Feldman
Callsign(s) WB0GAZ
Email address(s) dgf@netcom.com
QTH Littleton, CO. GRID DM79
Equipment Various Ten-Tec QRP, QRP PLUS, Drake stuff, TB6EM @ 45', 40-2CD @ 55', M-squared on VHF/UHF
Favorite band/mode 144 MHz SSB, 7 MHz CW, 7 MHz SSB
Areas of interest Home-brewing, tube projects, tiny portable radios

Name John Woods
Callsign(s) WB7EEL
Email address(s) jfw@funhouse.com
QTH 958 Mass. Ave., Boxborough MA 01719, USA
Equipment Sierra, 40-40, QRP SPRINT, lots of homebrewed pieces, SB-401/SB-303
Favorite band/mode 30m, 18m, 40m CW
Areas of interest None

Name Lowell Brunson
Callsign(s) KC7DX
Email address(s) lowell@teleport.com
QTH Hillsboro, Oregon, USA
Equipment IC735 + various homebrew QRP rigs
Favorite band/mode 40m CW
Areas of interest Design + building: rigs, microcontrollers, hamgadgets, antennas

Name Geoff
Callsign(s) WA1U
Email address(s) 71310.71@compuserve.com, FOXG@wctsub.ctstateu.edu
Equipment NorCal40, 30/40, OHR HP QRP Xcvt, TS440, CMOS SuperKeyerII, AD8I Cheap keyer, W9GR DSP, OHR WM-1
Favorite band/mode 30m, 40m

Areas of interest

Building and contesting

Name Stephen Trier
 Callsign(s) KG8IH, W8EDU (club station)
 Email address(s) sct@po.cwru.edu
 QTH Cleveland Heights, Ohio, USA 41 30 10 N / 81 35 41 W
 Equipment Home: Nothing permanent,
 Club: Kenwood TS-830S, most antennas ~100 ft up,
 Straight key for CW
 Favorite band/mode 40m CW, 10m SSB
 Areas of interest Homebrewing, small-space ("low-profile") stations

Name Ranson J Pelt (Randy)
 Callsign(s) NZ4I ex W4WYT
 Email address(s) pelt@vt.edu
 QTH 310 Rucker Rd. Blacksburg, VA 24060
 Equipment TS850AT, OHR Classic, NW8020 (40&80),
 several HB's for 80, 20, 30, and 15,
 80/40 dipole, Mono Yagis for 20,15,10,
 Close spaced parallel dipole for 30, 24, 18,
 Vibroplex and Bencher paddles, several Vibroplex bugs
 Favorite band/mode 20m, 15m, 10m CW
 Areas of interest HF CW, Construction

Name Richard S. Penc
 Callsign(s) WK2A
 Email address(s) penc@psumeteo.psu.edu
 QTH State College, PA
 Equipment Kenwood TS-430S cranked down to 5W,
 Yaesu FT-757 @ 5W, Yaesu FT-690R (2.5W),
 Yaesu FT-290R (2.5W), Norcal 40
 Favorite band/mode 80m, 40m, 6m CW, SSB CP abt 25 WPM
 Areas of interest Constructing and modifying radio equipment,
 QRP operating, backpacking, QRP contesting.
 Also interested in UHF/VHF propagation, microwaves.

Name Bob Hightower
 Callsign(s) KI7MN
 Email address(s) bobhigh@primenet.com
 QTH Chandler, AZ
 Equipment Usual VHF/UHF stuff, Kenwood TS450SAT, w/Bencher,
 Small Wonder 40/40, anxiously awaiting QRP+,
 Butternut HF6VX, HF9VX and HV5VX (beam), G5RV
 Favorite band/mode For now, 20 and 40 meter HF, QRP to come when I am

Areas of interest fully set up for it, portable packet.
Getting back into construction (my background is with tube radios, not solid state, so have a lot to learn), and looking forward to real portable ops on QRP.

Name Sherwood Probeck
Callsign(s) KE3MI
Email address(s) sprobeck@netaxs.com
QTH Exton, Pennsylvania
Equipment Ten Tec Century/21, Heathkit SB-610, Autek QF-1A, Memory Keyer MFJ-484C, B&W Antenna Tunner VS300A, Vibroplex Paddles, and the antenna is the Rain Gutter up about 25 feet! :)
Favorite band/mode n/a
Areas of interest n/a

Name Tim Pettibone
Callsign(s) AB50U
Email address(s) TPETTIBO@NMSU.EDU
QTH 1661 Alta Vista Pl., Las Cruces, NM 88011 U.S.A.
Equipment TS140S, OHR QRP Spirit 20m, NE4040 (unbuilt), NORCAL 40A (on order), and the QRP+ (on order, thanks Jeff), Bencher paddle, Logikeyer (CMOS), 2 Curtis keyers, 20m dipole ^20', 80' zepp ^18'
Favorite band/mode >:160m-10m, favorite 40m/20m, CW mostly, sometimes QRP SSB to check into 3905CC, HHH Net, as a 'background' task
Areas of interest DX-ing, contesting, ragchewing

Name Steve Farthing
Callsign(s) not yet
Email address(s) stephen@stevef.demon.co.uk
QTH Melksham, Wiltshire UK
Equipment unmodified HW7, Kanga Sudden RX on 20m, NorCal 40 partial kit, awaiting NorCal 40A
Favorite band/mode None
Areas of interest Homebrewing QRP HF equipment

Name David C. Scott
Callsign(s) N8XYF
Email address(s) scott.13@ous.edu,
dcscott@magnus.acs.ohio-state.edu
QTH Westerville, OH 43081

Equipment NorCal 40 and RCI 2900 10m rig
Favorite band/mode None
Areas of interest Learning code for the HF priv

Name Preston Douglas
Callsign(s) WJ2V
Email address(s) pdouglas12@aol.com
QTH 216 Harborview North, Lawrence, NY 11559
Equipment Yaesu 757 GX, Radiokit QRP 30, Dan's Small Parts and Kits, NW80/20 for 40m, Explorer 20, and NN1G MkII for 80m, Idiom Keyer, Bencher and MFJ Paddles
Favorite band/mode 20m CW when open, or 40m/80m winter nights
Areas of interest QRP and SSTV -- Homebrew

Name Glen E. Stockton
Callsign(s) K5UP
Email address(s) ges@ppco.com
QTH Bartlesville, OK
Equipment HW-8, FRG-100, homebrewed equipment, (including keyers, transmitters, and antennas)
Favorite band/mode 40m, 20m, 15m
Areas of interest Homebrew, especially CW transmitters

Name Matthew Trail
Callsign(s) KN6CR
Email address(s) mtrail@violet.berkeley.edu
QTH Oakland, CA
Equipment Yaesu FT-840, ordered NorCal 40A, Bencher iambic paddle
Favorite band/mode 40m CW, 17m phone
Areas of interest Building novice, interested in portable, backpacking operation

Name Stan Wilson
Callsign(s) AK0B
Email address(s) randyw@crl.com
QTH St. Charles, MO
Equipment Drake, Cubic, Homebrew
Favorite band/mode 30m/40m CW, 20m SSB
Areas of interest Coherent CW, Building solid state QRP equipment

Name REIN
Callsign(s) PA0RCT (ex DJ0LN)
Email address(s) reinc@iaehv.nl

QTH Eersel
Equipment Ten Tec OMNI VI, QRP-plus, Bencher,
Loop skywire (4 x 20m)
Favorite band/mode 80m, 40m CW-only
Areas of interests Contesting, QRP

Name Jerry Sy
Callsign(s) N3RKD
Email address(s) ah301@yfn2.ysu.edu
QTH Pittsburgh, PA
Equipment OHR Spirit 40, homebrew paddle, inverted vee up 33 ft.
Favorite band/mode 40m CW
Areas of interest QRP

Name Bruce Walker
Callsign(s) WT1M
Email address(s) wt1m@iii.net,
bruce.walker@east.sun.com
QTH Framingham, MA
Equipment NorCal Sierra (20,40), NE30-40, HW-9, Kent Paddle
Wires in trees, Solar Panel + Battery operation
Favorite band/mode n/a
Areas of interest n/a

Name Michael Marmor
Callsign(s) AA2UJ (ex KG0JT, N0MGE, KB0GUQ)
Email address(s) mmarmor@pluto.njcc.com
QTH Princeton NJ, USA
Equipment Uniden HR2600 10m rig, various W1FB homebrew tx
Challenger II, Pebble Crusher, homebrew W1FB active CW
filter, Dave Ingram's QRP pen circuit (and other
simple radio circuits), 80m Neophyte, OHR WM-1
wattmeter, MFJ 949D Transmatch, 2 Hombrew paddles -
single lever and iambic, 120 foot end fed random wire
in an inverted-L config, NorCal 40A on order
Favorite band/mode Slow CW and slow SSB
Areas of interest Building my own HF gear, ragchewing, Field days

Name Robert A. Clapp
Callsign(s) AL7EV
Email address(s) BOBAL7EV@aol.com,
75207.17@cserv.com
QTH Livonia, Michigan
Equipment Ark 4, Ark 20, QRP+, TS930, antennas all dipoles

Favorite band/mode 40m and 30m CW
Areas of interest Building and antennas

Name Jim Stafford
Callsign(s) W4QO
Email address(s) w4qo@america.net
QTH 11395 West Road, Roswell, GA 30075
Equipment ARGY 509, OHR Sprint, PM2, PM3, Knight Ocean Hopper, Space Spanner, Ameco AC1, Heath AT-1, Meisner SS, Dentron MLX Mini, Superkeyer II, Carolina Windom TH6 @ 82 feet

Favorite band/mode 40m, 80m CW
Areas of interest Teaching classes in Ham Radio, working with schools, now administer the RadioActive Schools program with 7 schools in Atlanta area on air.

Name Charles Furnweger
Callsign(s) WB4OWL
Email address(s) charles@asic.mtv.nec.com
QTH Fremont, California
Equipment Radiokit 30, HW-101, soon to have a NorCal 40A, Brown Brothers squeeze paddle, Dipole for 40 meters (Max signal strength SW to NE)

Favorite band/mode 40m CW
Areas of interest CW

Name Dr. Rick Zabrodski
Callsign(s) VE6GK
Email address(s) zabrodsk@med.ucalgary.ca
QTH Calgary, Alberta, Canada
Equipment ICOM 751a, HW9, Norcal Sierra, with epiphyte and hopefully norcal 40a soon under construction, also Drake TR4C that I keep for nostalgic reasons, (first ssb rig, age 18, 1973), Bencher, straight key, vibroplex bug, Heil HC4 (this is THE QRP microphoneI tested many!), lots of homebrew tuners, 20 meter 3 element monobander at 66 feet (my one no compromise antenna), inverted vee fed with ladder line, apex 60 feet shunt loaded tower for 80 and 160 (always outperforms inverted vee on these bands except for very close in contacts)

Favorite band/mode 10m when open, 20m a close second CW/SSB 50:50
Areas of interest QRP contesting (I prefer fighting it out with the big boys) and rare dx.....not much to work with 250+ confirmed! Recently have gotten interested in building

as the a diversion to listening to static on 10 meters.

Name	Ade Weiss
Callsign(s)	W0RSP
Email address(s)	aweiss@charlie.usd.edu
QTH	Adrian Weiss, 526 N. Dakota, Vermillion, SD 57069
Equipment	n/a
Favorite band/mode	n/a
Areas of interest	n/a

Name	Bob Stafford
Call	N9USD
Email address(s)	bstaffor@dialin.ind.net
OTH	Teegarden, Indiana [15 miles south of S. Bend]
Equipment	2m - Icom 281H; Kenwood TR2500, 6m - Utica "650" SSB, CW 10m-80m - Swan 700S, 80m - QRP putting out 750mW Discone at 30', 10m-80m trapped dipole at 15', 10m-40m vertical at 10'
Favorite band/mode	None
Areas of interest	Want to teach my son who is 13 y.o. (N9YBC) about the various aspects in ham radio. Therefore I guess I am interested in it all, just can't afford it all. We did have fun building a small qrp rig over Christmas break.

Name	Joseph Spencer (Joe)
Callsign(s)	KC5KAG
Email address(s)	jspencer@metronet.com
QTH	Arlington, TX
Equipment	OHR Explorer (40m novice), HeathKit HW-7, FT-101EE, J-38 key (Vibroplex soon I hope), Antenna a Dipole at 20'
Favorite band/mode	None
Areas of interest	I really think the Fox hunts are a great idea and helpful to all and great fun..hope to catch the fox instead of hearing him soon!

Name	Paul F. Carreiro
Callsign(s)	N6HCS
Email address(s)	carreiro@netcom.com
QTH	Torrance, CA
Equipment	Kenwood TS690S, Kenwood TS430S, NorCal 40A, OHR Sprint II 40m, OHR Sprint II 30m, OHR Explorer 40m, OHR WM-1 QRP Wattmeter,

	OHR SCF-1 Filter, MFJ 784 DSP Filter, Bencher, MFJ Iambic, MFJ Brass Racer, Schurr "Profi", Jones Key P200B
Favorite bands/mode	40m, 30m
Areas of interest	Mobile CW, High Speed CW >40wpm, Homebrew/QRP

Name	David Taylor
Callsign(s)	VK3JKP
Email address(s)	david@rmit.edu.au
QTH	Kinglake, Victoria, Australia
Equipment	FT101B, R2/T2 modules, straight key, 80m dipole
Favorite band/mode	80m, 40m, 15m. CW (still practising) and phone
Areas of interest	Homebrew receivers, satellites

Name	Kevin Webster
Callsign(s)	N1EPU
Email address(s)	webster_ker@ccsua.ctstateu.edu
QTH	n/a
Equipment	Kenwood TS-820, 40/40, OHR DC rig for 30m
Favorite band/mode	n/a
Areas of interest	QRP, Construction, Contesting, CW, (and other stuff that I can't think of right now!)

Name	L. B. Cebik
Callsign(s)	W4RNL
Email address(s)	cebik@utkvx.utk.edu
QTH	1434 High Mesa Drive, Knoxville, Tennessee 37938-4443
Equipment	Yaesu 757, Yaesu 767, HF5B 2-el beam, GAP VI vertical, miscellaneous accessories, many home brew, including IROESK hand key and Son of Iroesk keyer, with a QRP+ rig on order.
Favorite band/mode	n/a
Areas of interest	n/a

Name	John Shuster
Callsign(s)	KC7CKP
Email address(s)	shuster5647@delphi.com
QTH	Port Orchard, WA (near Seattle)
Equipment	MFJ 9015 >>> Cushcraft R7, TS-140S
Favorite band/mode	n/a
Areas of interest	n/a

Name	Brian Carling
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Callsign(s) AF4K
 Email address(s) brian.carling@acenet.com (.us)
 QTH Gaithersburg, MD, 22 miles N.W. of Washington, D.C.
 Equipment Kenwood TS430s, MFJ keyer (401B), MFJ paddles,
 128 foot end-fed wire at 15 feet high. I usually turn
 down the wick to 5 watts for QRP work, as measured on
 the MFJ-949D tuner/wattmeter.
 Favorite band/mode 40m CW
 Areas of interest DXing, contests, QRP, QRP foxhunts etc.

Name Nick Franco
 Callsign(s) KF2PH (Extra Class)
 Email address(s) kf2ph@bnl.gov
 Equipment HW-8 original - 80/40/20/15 meters, 80m dipole
 up 35 feet in trees - 30 foot 300 ohm stub to balun
 (4:1) coax to homebrew tuner from the
 W1FB QRP Notebook, ICOM-728 HF Rig, 386/25 PC with
 Windows 3.1
 Favorite band/mode 40m CW only
 Areas of interest None

Name Mike Czuhajewski
 Callsign(s) WA8MCQ
 Email address(s) wa8mcq@hambbs.wb3ffv.ampr.org
 QTH Severn, MD USA
 Equipment TS-430S, TS-670 (no S on the end of that one),
 HW-7 (3 each), HW-8 (2 each), HW-9 (2 each),
 various homebrew rigs, 40 meter delta loop used on 40
 and above
 Favorite band/mode 40m CW
 Areas of interest Building, experimenting, milli-watting, writing for QRP
 journals

Name Dan C. Watson (Dan)
 Callsign(s) N6QGI -- Tech + and working on general (c'mon code!)
 Email address(s) dwatson@nskernel.tandem.com,
 WATSON_DAN@tandem.com
 QTH Saratoga, CA (note: Current callbook is incorrect)
 Equipment No equipment yet except 2m/440 handheld - operate HF
 from club station.
 Favorite band/mode Have only operated on 40 and 15 (during Novice Roundup)
 CW only, no SSB yet.
 Areas of interest Interest is in technical stuff (theory of operations of
 published circuits, antenna installations, etc.).

Name Kevin Anderson
Callsign(s) KB9IUA
Email address(s) anderson@ncrsun1.ncr.usace.army.mil
QTH Rock Island, Illinois 61201
Equipment Currently no QRP rig, but a Heath HW-16 transceiver
(mostly under 30 watts), straight key, 40m dipole
(at about 20 feet)
Favorite band/mode 40m CW
Areas of interest QRP (in the wings), boatanchor (tube) equipment

Name Michael T. Flanagan
Callsign(s) KB8NKX (general)
Email address(s) ee115@po.cwru.edu,
mflan@ix.netcom.com
QTH Brooklyn, Ohio
Equipment TS-520, Oak Hills QRP40, HW8, HTX-202,
homebrew wire antennas - currently 90' random wire>
Favorite band/mode 40m, 30m CW, SSB
Areas of interest Building, tinkering, QRP(!). I usually operate
long enough to determine that I'm getting out...

Name Mat Maessen
Callsign(s) N2NJZ
Email address(s) maessm@rpi.edu
QTH Home - Morristown, NJ, School - Troy, NY
Equipment Rig - Ten Tec Argosy II, paddle - Ham-Key with
homebrew iambic keyer antennas - various, including
multiband vertical, wire dipoles, and, at times,
gutters and chimney flues
Favorite band/mode 20m CW, 75m SSB
Areas of interest Homebrew, VHF QRP, RF systems design

Name Nick Franco
Callsign(s) KF2PH
Email address(s) kf2ph@bnl.gov
QTH Patchogue, Long Island, N.Y.
Equipment HW-8 original - Heathkit Keyer - MFJ-564 Paddles -
Bencher Audio Filter - 80M Dipole fed with 300 ohm
twin lead abt 30 feet from feed point to 4:1 balun
then coax to shack to homebrew tuner for QRP ---
QRO rig is ICOM 728 to the MFJ941 tuner. same ant.
Favorite band/mode 40m CW
Areas of interest QRP and DX

Name Laura Halliday
Callsign(s) VE7LDH
Email address(s) lhalliday@creo.bc.ca
QTH Burnaby, B.C., Canada. Grid square CN89.
Equipment Assorted homebrew (NN1G, R2, etc.), Kenwood TS-120V, Heath HW-16, Swan 350. Bencher paddle. Antenna is some wire strung in the trees, which I'm hoping to improve.
Favourite band/mode 30m, 40m CW
Areas of interest Satellites, anybody?

Name David Maliniak
Callsign(s) N2SMH (Advanced class licensee)
QTH 54 East Gramercy Place, Glen Rock, NJ 07452
Email address(s) dmalinak@class.org
Equipment Drake C-line twins with C-4 station console
D-104 mike (pre-amp-less version of stand)
Heathkit HW-9 QRP transceiver (with WARC band module installed)...rig is stock...no mods that I know of.
OHR Explorer (30 meters), OHR WM-1 wattmeter,
Heathkit HD-1410 electronic keyer,
For low bands (80 and 40 meters): Antennas West
Omniloop...a full-wave 40-meter magnetic loop.
It's literally stapled to the roof of my ranch house.
All of an inch or so of it is at the peak of the roof
(15 feet). Most is at 10 feet or less.
For high bands: Cushcraft R-5 vertical at 15 feet.
Areas of interest Lately, QRP, QRP, and more QRP. I love QRP! Been thinking (just thinking, mind you!) about selling my mint C-line and using the proceeds to buy a QRP+. Probably won't end up doing that, though. Got to have that QRO rig for those rare times when I want to heat the roof!

Name Kent Torell
Callsign(s) KJ7EY
Email address(s) torell@sicom.com
QTH 7749 N 5 Ave., Phoenix, AZ 85021 USA
Equipment Home made 40-40 with random wire antenna, 2M handheld
Favorite band/mode 40m CW, 2m
Areas of interest Receiver design (my job!)

Name Larry E. Wise
Callsign(s) KA5T
Email address(s) lewise@bga.com

QTH Georgetown, TX
Equipment ICOM 720a with dead finals. Wattmeter says abt 1 W.
Antennas low dipoles and butternut vertical on the ground with about 60 radials..
Favorite band/mode n/a
Areas of interest Casual QRP-er. Have tried a couple of the fox hunts.. caught one....

Name Stuart M. Rohre
Callsign(s) K5KVH (ex 9M2SM)
Email address(s) rohre@arlut.utexas.edu
QTH Box 755, Round Rock TX, 78680
Equipment Ten Tec Scout, Atlas 180, 215, 210X, 350XL, Kenwood 450, Ramsey 40M T-R, Heathkits, Hammarlund 180, SP 210, MXM 40 M simple transceiver, various homebrew, Ten Tec 6M transverter. Icom HT's for 2M, 220, 440, Ramsey 2M J-38, Kent kit key, Vibroplex Brass Racer, Gap Titan Vertical, 80 m dipole, G5RV-KVH, various other home built.
Favorite band/mode 20m, 10m, 15m, 40m, 80m, WARC, 6m, SSB, CW, FM, packet just starting.
Areas of interest Construction, antenna construction, Field Day, Emergency Communications

Name John Foote
Callsign(s) KR4GL
Email address(s) footej@hn.va.nec.com
QTH 46637 Silhouette Square, Sterling, VA 20164
Equipment Rig - ICOM 751A, Paddle - Viboplex Iambic dual paddle, Butternut HF6V (ground mounted, with 8 radials)
Favorite band/mode 80m, 40m CW
Areas of interest Getting into building and using homemade/kit rigs, and starting to go mobile QRP.

Name Joe Gervais
Callsign(s) KD6PRD
Email address(s) joe@expersoft.com
jgervais@ucsd.edu
QTH San Diego, CA
Equipment MFJ-9020, NorCal-40a (on order), Inverted-vee, portable. Usually up around 15-20ft. using available trees and/or PVC pipe
Favorite band/mode 20m, 40m CW
Areas of interest Portable ops, battery/solar power

Name	Mike Pulley
Callsign(s)	WB4ZKA
Email address(s)	Mike_J_Pulley@ccm.hf.intel.com
QTH	Phoenix, AZ
Equipment	NE 40/40, MFJ 9020, Knwd 520SE, Butternut (ground mounted), MFJ 20m folded dipole for field use, Bencher paddles, Palomar contest keyer, Coming soon! MFJ QRP ant tuner, Carolina Windom for field use.
Favorite band/mode	40m CW nighttime, 20m CW daytime
Areas of interest	Operating (QRP WAS & 1kmi/W, here I come!), Contests (placed #5 in 1st QRP Afield), Field use, Light construction (40/40), Public service/emergency communication, General ragchewing

Name	Ted
Callsign(s)	KC5CUW
Email address(s)	kell@mpac.jsc.nasa.gov
QTH	Houston, Texas, USA
Equipment	NorCal-40, Sierra, Inv@30'
Favorite band/mode	Whatever works
Areas of interest	Ragchewing

Name	Rick Tavan
Callsign(s)	N6XI
Email address(s)	tavan@tss.com
QTH	Saratoga, CA 95070 USA, Santa Clara County
Equipment	NorCal Sierra, NorCal 40, A&A K9AY 20m, TS-930 (oops! not QRP...)
Favorite band/mode	40m, 20m CW
Areas of interest	Contesting, QRP, building, radio afield

Name	Jim Francoeur
Callsign(s)	KC1FB
Email address(s)	p01599@psilink.com
QTH	8 Regency Drive, Norwalk, CT 06851-2636, USA
Equipment	ARGO 509, Yeasu FT-7, Yaesu FT-890, OHR QRP/40, OHR SPRINT/80 and Four Kits for 80, 40, 40, 30M all CW Xcvrs, Straight Key, haven't got to paddles yet, 88' Center Fed Zepp up 60', 80M Half Square, Butternut Beam, at the moment.
Favorite band/mode	80m, 40m CW, Any band SSB
Areas of interest	Homebrewing, Kit Building, Antenna Modeling/Building, Listening, Analyzing, sometimes even operating. Oh, and hunting the Fox!

Name Glenn Menard
Callsign(s) KK6ZC
Email address(s) gmen@chevron.com
QTH 6264 Plymouth Avenue, Richmond, CA 94805
Equipment W6QIF's 40M DC txcvr, NorCal 40, and NorCal Sierra with Bencher paddle and 40 meter dipole
Favorite band/mode 40m CW
Areas of interest Homebrewing. Building the rig is more fun than using it, I do, however, enjoy taking a rig to the mountains with me when I go on my Sierra fishing trips. With a gel cell and a dipole slung up in a pine tree, I love to work a little CW in the electrically quiet area of the mountains.

Name Bill Levey
Callsign(s) WA4FAT
Email address(s) WA4FAT@aol.com
QTH Birmingham, Alabama
Equipment ICOM 735 / Heathkit HW-8 / dipoles and loops / Bencher
Favorite band/mode All HF bands, primarily CW + 2m and 70cm
Areas of interest CW / DX / Solar power / QRP (obviously) / Contesting / Net surfing

Name Tom Frisz
Callsign(s) N9DD
Email address(s) N9DD@aol.com
QTH South Bend, Indiana USA
Equipment TS520, HW7, NN1G (20 Mtrs), NorCal-40A (soon, I hope), numerous home brew xmtrs and rcvrs
Favorite band/mode 80m, 40m, 20m CW
Areas of interest Home brewing, contesting

Name Scott A. Thomas
Callsign(s) NM1J
Email address(s) Scott.Thomas@circellar.com
Thomass@fin.msml.hsd.utc.com (Alternate)
QTH Enfield, CT
Equipment Argonaut 515, Inverted Vee. 3el high band Yagi.
Favorite band/mode All bands CW, AMTOR
Areas of interest n/a

Name Robert (Rob) Heiss

Callsign(s) K06KA
Email address(s) rheiss@tuba.calpoly.edu
QTH Atascadero, CA
Equipment HW-8, Argo 509, homebrew, Bencher, Center and end fed
20m wires up 13m, Vectronics tuner
Favorite band/mode 15m CW, 10m SSB
Areas of interest Contests, electronic design

Name Ethan Schumacher
Callsign(s) N7WNC
Email address(s) ethan@teleport.com
QTH Portland, Oregon, USA
Equipment A&A Engineering QRP kit (40 meters), Bencher chrome
iambic antenna, Inverted dipole for 40 meters
Favorite band/mode 40m CW
Areas of interest Portable operation, including backpacking

Name Myron China
Callsign(s) KB0LMQ
Email address(s) mchina@nrel.nrel.gov
QTH 8505 East Costilla Place, Englewood, CO 80112
Equipment Heathkit HW-8 2 watt xcvr, waiting for my Norcal 40a :)
Yaesu FRG-7 receiver, RS DX-440 receiver, RS HTX-100
10m 5/25 watt transciever, RS HTX-202 2m 5 watt h/t
Heathkit SB-104 10-80m 1/100 watt transciever (never
used), 40m inverted V dipole up 20ft, 40-10m multi band
dipole up 20ft
Favorite band/mode 40m, 80m, CW straight key
Areas of interest QRP amateur radio, packet, satelllites, computers,
chess, hiking, backpacking, surfing - but not in
Colorado :(

Name Monte "Ron" Stark
Callsign(s) KU7Y ex W6JX0, DL4RF and N7CRV
Email address(s) ku7y@sage.dri.edu
QTH Sun Valley, Nevada
Equipment TS-130S Mobile, TS-930AT, MFJ 9040, FT-101-EE and
waiting on the NorCal-40a
Favorite 40m, 20m CW only
Areas of interest QRP(!), DXing and Contesting

Name Paul Beltrani
Callsign(s) AH6NU previously N2KZZ
Email address(s) beltrani@aloha.com,

QTH ah6nu@nh6yw.hi.usa.oc (Packet)
 Oahu, HI, USA or N2KZZ callbook address
 Equipment NorCal-40, NorCal Sierra, Ten Tec 2510 / RS HTX-100,
 Bencher Paddles, Misc. home built
 Favorite band/mode 40m, 20m, 30m, 20m, Sattelite
 Areas of interest Design and construction of equipment

Name Mitch Mitchell
 Callsign(s) WA40SR
 Email address(s) fmitch@ns1.maf.mobile.al.us,
 fmitch@rd.qms.com,
 fmitch@netcom.com

QTH Mobile, AL USA
 Equipment FT-890, FT-1000D, Vibroplex (of course), full wave
 loops for 80 and 40
 Favorite band/mode 6m CW (of course)
 Areas of interest Collecting old bugs and keys

Name Jerry Palsson
 Callsign(s) AA6KI
 Email address(s) palsson@bookworm.sdsu.edu,
 palsson@rohan.sdsu.edu
 QTH San Diego, California
 Equipment Ten-Tec Century 21, Bencher paddle, homebrew keyer,
 Radio Shack DSP audio filter, dipole with tuned feeder
 Favorite band/mode 17m SSB (before I sold my WARC-capable rig)
 15m, 40m CW
 Areas of interest Some building (mostly receivers and accessories).
 Bibliography of ham radio. I run both an ftp server
 and a WWW (World Wide Web) server. The latter has some
 ham radio links, and is reachable at
<http://bookworm.sdsu.edu/>

Name Joe Everhart
 Callsign(s) N2CX
 Email address(s) jeverhart@cayman.vf.mmc.com
 QTH Brooklawn, NJ
 Equipment Rigs: W7EL 30m, W7EL 40m, QRP-NE 30-40, ONER 80m,
 NN1G 20m, ARG0 509, Several homebrew 80, 40, and 30
 meter rigs, 2 m HT, Vibroplex non-iambic, several
 homebrew, Butternut HF6-VX, 40m inverted V, Hamsticks
 for fixed mobile, dipoles for portable.
 Favorite band/mode 40m, 30m, 80m, all CW. A little 2m packet
 Areas of interest Homebrewing QRP rigs, VX0s and VCX0s, Portable
 operation, Antenna experimentation, Article writing,

QRP contests and nets, Internetting with qrp-1

Name Michael T. Weaver
Callsign(s) KG8H
Email address(s) nurs036@uabdp.dpo.uab.edu
QTH Trussville, AL (NE of Birmingham)
Equipment Station in development - (recovering from move & new house) - Planned: NE 40-40 (90% complete) 40 meter vert. loop, Vibroplex brass racer paddles. All subject to last minute whims & approval of wife!
Favorite band/mode CW - Whatever band I happen to be on!
Areas of interests Homebrew & fiddling with antennas, Backpacking, SKYWARN, Have thought about getting into IOTA stuff, since we seem to end up on a beach for vacation each year....

Name Ron Majewski
Callsign(s) WB8RUQ
Email address(s) majewski@erim.org
QTH Milford, Michigan, USA (en82)
Equipment TenTec Argosy II, Yaesu FT-301S, Drake TR-5 @ reduced power, Kenwood TS600 (6m only), 80m - quarter wave sloper at 50ft, 40m - quarter wave ground plane at 17ft, 20m, 15m, 10m - 3el tribander at 60ft, 6m - 6el yagi at 70ft
Favorite band/mode 40m, 15m when the sunspots are better, CW
Areas of interest Building antennas, cw contests, homebrewing

Name Todd Nichols
Callsign(s) KB0HQU/VE3
Email address(s) tnichols@bnr.ca
QTH Nepean, Ontario, Canada
Equipment Norcal40, SP-1 Spider, other rigs under construction, indoor horizontal loaded 40m loop antenna, Kenwood TH-27A (usual 2m stuff)
Favorite band/mode None
Areas of interest Homebrew, design, CAD, antennas, microwaves, electromagnetics, small transmitters for model rockets

Name Dirk Sibie
Callsign(s) PA3GNR
Email address(s) dsibie@ns-nl.att.com
QTH n/a
Equipment FRG-7, HW-8, FT-208, random wire for HF, J-pole for 2m, home made straight key, Juncker

Favorite band/mode n/a
Areas of interest n/a

Name Bruce Strong
Callsign(s) HS0ZBO, AH2AK
Email address(s) hs0zbo@sura1.sut.ac.th
QTH Nakhon Ratchasima, Thailand
Equipment ICOM IC-725, dipole
Favorite band/mode 20, SSB, CW (going to try to get familiar with it)
Areas of interest DX, Handing out Thailand, Making friends, Learning more about radio and electronics, Trying new things, Doing more with less. Drinking beer and chasing wimmin'! (not necessarily in the above order!)

Name John Moriarity
Callsign(s) K6QQ
Email address(s) john.moriarity@com2bbs.com (preferred),
jrm@gerry.palomar.caltech.edu
QTH P.O. Box 88, Palomar Mountain, CA 92060
Equipment Homebrew, Oak Hills 40m Explorer, TS-820S, Vibroplex Iambic, Brown Brothers, (and soon) G4ZPY miniature, 52ft dipole at 45 ft, fed with open-wire line, using Johnson KW (!) Matchbox
Favorite band/mode 40m and up, 99% CW
Areas of interest Receiver design

Name Bob Lockwood
Callsign(s) N4AHB
Email address(s) Robert.J.Lockwood@Tek.Com
QTH 13040 SW Castlewood St Beaverton, OR 97005
Equipment Index Labs QRP+, MFJ QRP/Portable Tuner, Kent paddle, Inverted V
Favorite band/mode CW on the open one
Areas of interest I am trying to teach myself RF design and am trying to get involved with homebrewing. I would also like to work QRP CW through a satellites some day.

Name Gabe Sellers, III
Callsign(s) KG0NR
Email address(s) iii@drmail.dr.att.com
QTH Northglenn, Colorado (suburb of Denver)
Equipment HW8, HW9, Argonaut 509, IC735, various unbuilt NorCal and other kits, 40/20/10 Windom antenna
Favorite band/mode 40m mainly so far (still a new ham) CW only

Areas of interest Radio hardware (circuits).

Name Bernard SERONT
Callsign(s) KB2TGH
Email address(s) seront@seism1.ess.sunysb.edu
QTH ESS, SUNY, STONY BROOK, NY, 11794-2100
Equipment Cassettes for learning code (!) IC-R72 (Rx only),
 PK232MBX
Favorite band/mode n/a
Areas of interest n/a

Name David F. (Dave) Jenkins
Callsign(s) KK5KX (was KC5JRR)
Email address(s) dfjenki@ibm.net
QTH Kenney, TX (abt 75 m. West of Houston)
Equipment Argonaut 509
Favorite band/mode 40m, 80m CW
Areas of interest None

Name Dan Reynolds
Callsign(s) KB9JL0 [Tech+]
Email address(s) bcdlr@aol.com
QTH 2580 Euel St., Decatur, IL 62521
Equipment TwoFer 40m transmitter - VX0, Curtis, Keyer kit- home
 made paddle, Neophyte 40m receiver, 40m folded sloping
 diopole, ARC5-antenna tuner, misc.
Favorite band/mode 40m, CW
Areas of interest QRP, building, building, building.... kits, and
 home-built stuff.

Name Tom Randolph
Callsign(s) N100Q
Email address(s) randolph@est.enet.dec.com
QTH Worcester, Massachusetts, USA
Equipment 40m: 3W homebrew tx, RatShack DX440 rx (soon to be
 replaced by homebrew), inverted-vee at 30 ft.
Favorite band/mode 40m! It's my entire HF station!
Areas of interest Homebrew! Planned future projects: HF SWR bridge,
 40m superhet rx, rx converter modules for 30, 20, 17,
 15m, tx(s) for 30, 20, 17, 15m, 20W linear amp

Name Charlos Potma
Callsign(s) PA3CKR

Email address(s) charlos@rivm.nl
QTH Houten, The Netherlands
Equipment W7EL CW dir.conv. (80m), PA0??? CW/DSB dir.conv. (40m),
OHR Classic CW (40 & 20m), OHR WM-1 Wattmeter, NORCAL
Sierra CW (80m), Yeasu FT707 (10W) all HF bands SSB/CW,
AN/GRC-9 AM/CW 2-12 Mhz, 42m Windom, Magnetic Loop
14-24Mhz
Favorite band/mode 80m, 40m, 20m, 15m CW
Areas of interest Homebrewing

Name David Moody
Callsign(s) KD8NY, extra class, since 1973, ex-WN9MMD, WB9MMD
Email address(s) David.Moody@Rose-Hulman.edu
QTH Terre Haute, IN USA
Equipment Various homebrew transmitters for various bands running
25mW to 10W, ICOM R-71 receiver used with above
homebrew, Ten Tec Scout and band modules for all bands
running 50W, MFJ 15m and 30m CW transceivers, ICOM
R7000 rcvr, two meter FM equipment of various kinds,
etc., Antennas vary, but mostly like the good old tuned
long wire.
Favorite band/mode 30m CW, Actually CW on any band is fun.
Areas of interest Main interest is in homebrewing small CW QRP(p)
transmitters.

Name Mike Thomas
Callsign(s) KE4LAU
Email address(s) mthomas@uga.cc.uga.edu
QTH 150 Fortson Dr., Athens, GA 30606
Equipment Homebrew receivers and transmitters(CW) and a sick HW-8
I need to fix.
Favorite band/mode 40/80 CW, easy to build for these and being a Tech +
the only place I can hang out.
Areas of interest Circuits, homebrew, circuits, homebrew, circuits,
homebrew, get the idea :-).

Name Ray Anderson
Callsign(s) WB6TPU
Email address(s) raymonda@radium.eng.sun.com,
rander@netcom.com
QTH 3440 Gross Rd. Santa Cruz, CA 95062 USA
Equipment Kenwood 7500, Yaesu 208R, HB 40meter QRP, SWAN 260
Favorite band/mode 2m FM/Packet
Areas of interest Building, Computers, Programming, Boating, Diving

Name Bob Applegate
Callsign(s) WA2ZZX
Email address(s) bob@waterw.com
QTH Marlton, NJ, USA
Equipment HW-9, various homebrew, IC-735
Favorite band/mode 40m CW
Areas of interest None

Name Larry East
Callsign(s) W1HUE
Email address(s) ***** (lve1@inel.gov) (unofficial)
QTH Idaho Falls, ID USA
Equipment FT-301, Ten-Tec 509, HeathKit WH-9 (modified), misc.
other stuff
Favorite band/mode 40m, 20m, 15m, primarily CW
Areas of interest Building gadgets, restoring/modifying older equipment,
chasing DX, occasional contests.

Name John Rymell
Callsign(s) N3PFF, Navy/Marine MARS - NNN0TEU
Email address(s) ryme@husky.bloomu.edu
QTH RR7 Box 305, Muncy, PA 17756, ARRL - EPA
Between NYC and Pittsburgh/Between Elmira, NY and
Harrisburg
Equipment Heathkit SB-102 (for SSB work), Henry Tempo One (for
MARS CW/SSB), Surplus ARC-5 transmitter & receiver (for
"serious" CW fun!), Homebrew one tube qrp
transmitter/regenerative receiver (for CW challenge and
fun)
Favorite band/mode 6m, 10m CW/SSB (for fun), 80m CW (helping Novices)
40m CW (when BC stations are off the air)
Areas of interest Homebrew, homebrew, surplus restoration, more homebrew,
and kitbuilding, ARES/RACES MARS

Name Mike Robinson
Callsign(s) AA0UB
Email address(s) miker@cc.com
QTH Ft. Collins, CO
Equipment HB, TT, Heath, Yaesu, Bencher, CURTIS, Rain Gutter, V
Favorite band/mode The open band, CW
Areas of interest HB, WAS, MIDI, good deals, trying new stuff

Name Mark Gustoff

Callsign(s) W07T
Email address(s) Mark_E_Gustoff@ccm.ch.intel.com
QTH Tempe, Arizona
Equipment QRP+, TT Argonaut 509, Various HB
Favorite band/mode 10/15M SSB 20M CW
Areas of interest QRP digital modes RTTY, AMTOR

Name Jean H. Theoret
Callsign(s) VE20KL
Email address(s) jean@canada.lsil.com
QTH Montreal, QC, Canada
Equipment No QRP eqp for the moment (I'm building it!)
Favorite band/mode None, haven't made up my mind yet
Areas of interest QRP, RDF

Name Greg Taylor
Callsign(s) KD4HZ
Email address(s) g-taylor4@tamu.edu
QTH College Station, TX
Equipment TT Argosy, G5RV
Favorite band/mode 20m CW
Areas of interest DX, Contest

Name Steve Flatt
Callsign(s) KC6PLW (General)
Email address(s) sflatt@gislab.teale.ca.gov
QTH Elk Grove California USA 95758-4104, 38.417N 121.447W
Equipment OHR Explorer (20m), Kenwood TS-450S/AT
Favorite band/mode 10m SSB
Areas of interest Austin-Healeys, radio, GIS, computers, electronics, birds

Name Tom H. Casey
Callsign(s) WA5ACF
Email Address(s) txrep@aol.com,
WA5ACF@aol.com
QTH Georgetown, Texas
Equipment Various HB rigs & Kenwood TS140 for QRO
Favorite band/mode 20-10m
Areas of Interest Build small 1 to 5 watt QRP rigs using surface mount components when possible. Building low IC synthesizers that have good phase noise specs in the 2MHz to 15MHz range.

Name Russ Schroeder
Callsign(s) W2DYY
Email address(s) schroeder.wbst207v@xerox.com
QTH Rochester, NY
Equipment IC-761, FT-301S, HW-9, milliwatt output devices (hb)
Favorite band/mode 30m, 40m CW
Areas of interest QRP - HF thru microwaves.

Name Paul Harden
Callsign(s) NA5N
Email address(s) pharden@aoc.nrao.edu
QTH Socorro, New Mexico (80 mi. S of ABQ on Rio Grande)
Equipment MFJ's 9030, 9040 (modified), Ten Tec Triton IV
Favorite band/mode CW on the band that's open, on 40M >10pm local
Areas of interest Operating, ragchew, design and construction.
Also amateur radio astronomy, SWL utility monitor
Work at worlds largest radio telescope (NRAO VLA/VLBA)
Mostly digital design/construction in data acquisition

Name Conard Murray
Callsign(s) WS4S, NNNOUTN
Email address(s) cfm5723@tntech.edu
QTH Cookeville, TN
Equipment Norcal 40, MFJ 9420
Favorite band/mode 40m CW
Areas of interest Homebrew/boatanchors and mobile

Name Andrew Comas
Callsign(s) AA2UG
Email address(s) Andrew.Comas@ska.com
QTH New York City
Equipment FT-990, QRP+, ARK-4, R5, G5RV, 40m & 20m Folded Dipoles
for backpacking, Mercury (N2DAN's), G4ZPY (sp?), and
Bencher keys
Favorite band/mode n/a
Areas of interest n/a

Name Timothy Huntington
Callsign(s) N1PAZ
Email address(s) tmh@world.std.com
QTH Boston, MA
Equipment NE 40/40
Favorite band/mode 40m

Areas of interest Building a booster for the 40/40, building cheap but exotic antennas, possibly organizing on-air Fox-hunt type activities for New England area QRPers (or getting involved in any that already exist!)

Name Steve Hideg
Callsign(s) N8HSC
Email address(s) hideg.1@nd.edu
QTH Osceola, IN
Equipment IC-735, unbuilt NE40-40, unbuilt Sierra (do you want info on VHF/UHF, too?)
Favorite band/mode 70cm FM, 80m CW (traffic handling), 6m SSB
Areas of interest Dabbling in QRP stuff, traffic handling, UHF repeaters, packet radio, some contesting

Name: Dale Scott
Callsign(s) TBD (pending)
Email address(s) dcscott@chronology.com (work),
 dcscott@ix.netcom.com (home)
QTH Redmond, Wa.
Equipment Alinco DJ-582T (hopefully more to come)
Favorite band/mode TBD
Areas of Interest QRP, homebrew, 2m-FM (local), Packet

Name David Drake
Callsign(s) N3LSB
Email address(s) drake@dtpx2.ncifcrf.gov
QTH Taneytown, MD
Equipment n/a
Favorite band/mode n/a
Areas of interest VHF/UHF, construction, learning all I can

Name Roger PEase
Callsign(s) KE6PPI
Email address(s) roger.pease@Sun.COM
QTH Sunnyvale, CA, USA
Equipment NorCal40a
Favorite band/mode 40m CW
Areas of interest Homebrew, QRP, DX

Name Jerry Stueve
Callsign(s) KE4NFJ
Email address(s) GStueve@WB.Com

QTH Herndon, VA
Equipment TH-225A (no QRP rig yet!)
Favorite band/mode 2m F3F
Areas of interest Public Service/Technology

Name Goran Hosinsky
Callsign(s) EA8YU, SM0FXA
Email address(s) hosinsky@royac.iac.es
QTH La Palma Island, Canary Islands
Equipment HW9, TS520 (modified for QRP)
Favorite band/mode 20m CW
Areas of interest n/a

Name Rich Kellner
Callsign(s) W5RXP (former K8DBL)
Email address(s) kellner@usa.acsys.com
QTH 4496 Ridgeway Dr. Los Alamos, NM 87544
Equipment NorCal Sierra, FT990, FT900, ICOM W21AT, KAM Plus, PK900, TAPR/AMSAT DSP-93, GAP vertical
Favorite band/mode HF - all
Areas of interest QRP, digital, DSP, building, etc.

Name Roger Hightower
Callsign(s) AA7QY
Email address(s) aa7qy@primenet.com
QTH Mesa, AZ
Equipment Norcal40, 40A
Favorite band/mode 40m CW
Areas of interest CW, QRP ops, contesting, building

Name John Sanders
Callsign(s) AB5ZR
Email address(s) jsanders@adc.com
QTH Richardson, TX
Equipment Kenwood TS-850SAT, Cushcraft R7
Favorite band/mode 17m SSB/CW
Areas of interest Planning to build a QRP xcvr in spring 1995

Name Jeff M. Gold
Callsign(s) AC4HF
Email address(s) jmg@tntech.edu
QTH Cookeville, TN
Equipment Omni VI, Argosy II, Argonaut 509, Heath HW9 and a

Favorite band/mode zillion from kits
Areas of interest 20m, CW, 30m, 40m
Writing articles

Name Archie C. Lamb (Art)
Callsign(s) KX5X
Email address(s) acl@cray.com
QTH Chippewa Falls, WI, USA
Equipment HW-8, hambrew XCVR, Kenwood TS450
Favorite band/mode 40m, 30m (never work anything but CW)
Areas of interest CW operation, hambrew building, woodworking, (I make my living on computers, so I guess that's an interest)

Name Bob Cutter
Callsign(s) KI0G
Email address(s) bcutter@teal.csn.net
QTH Glenwood Springs, CO
Equipment HW-9, ICOM 735, QRP+, various HB xcvs
Favorite band/mode 160, CW
Areas of interest Backpack operating, HB, DX, Contesting

Name Bob Berlyn
Callsign(s) N1PWU
Email address(s) Bob.Berlyn@Chowda.com
QTH East Greenwich, RI
Equipment HW-7,8,9, NE-QRP 40/40,30/40, Yaesu FT-890AT, Other Homebrew rigs
Favorite band/mode 30m, 40m CW
Areas of interest QRP, Homebrewing, Flying, Computers

Name Robert E. O'Connell
Callsign(s) KC5DWB (no-code)
Email address(s) reo@sunquest.com,
oconnell@behemoth.tamu.edu,
reo@wrong.tucson.az.us
QTH Tucson AZ & Bryan TX
Equipment Nothing good (only VHF & UHF)
Favorite band/mode None
Areas of interest Computers and getting code passed for general and above

Name Gary Utz
Callsign(s) KE2YK

Email address(s) ke2yk@bnl.gov
QTH Long Island, NY
Equipment Ten Tec Argosy (5 / 50 watts) and I work 40meter CW mobile QRP... yea I know, not all there mentally (hi)
Favorite band/mode 40m, CW only on all HF bands
Areas of interest Packet radio / net surfing / DXing / Internet Voice Communications

Name Rob Swider
Callsign(s) KB3BFM
Email address(s) washpenn!swider@vax.cs.pitt.edu
QTH Pittsburgh, PA
Equipment Century 21
Favorite band/mode 80m CW (very slow CW :-))
Areas of interest QRP, Homebrewing, Low-budget amateur radio

Name David D. Meacham
Callsign(s) W6EMD
Email address(s) ddm@datatamers.com
QTH 206 Frances Lane, Redwood City, CA 94062-2733
Equipment NorCal 40, NorCal Sierra, NorCal 80A, NorCal 30A, and various QRO rigs. Full-wave delta loop on 40, double-tuned, driven towerd on 80, tri-band KT-34A @ 30 ft., Horiz. Yagis on 50, 144, 432, & 1296MHz. 30-meter dipole going up soon!
Areas of interest QRP, antennas, EME (23 cm & 3 cm), VHF & UHF tropo.

Name Kevin Normoyle
Callsign(s) KE6RAD
Email address(s) kevin.normoyle@sun.com
QTH n/a
Equipment TenTec Argo 556
Favorite band/mode CW/SSB 80/40/15
Areas of interest Just licensed, so interest - contacts

Name Sam Mohan
Callsign(s) KB3BEA
Email address(s) smohan@orchid.telenet.com,
Sam.Mohan@acenet.com
QTH 8617 Calypso Ln. Gaithersburg MD 20879-4632
Equipment (NE40-40. Yet to be completed & still on the bench)
Favorite band/mode Will be 40M @ Novice/Tech Segment, chronically CW!
Areas of interest Homebrewing, mostly at mW level.

Name Richard Kendrick
Callsign(s) WA7TWI, ex KX6LX (August 1975 to September 1977)
Email address(s) rrk@ramp.com
QTH P. O. Box 34795, Phoenix, AZ 85067-4795
Equipment Kenwood TS-440S, Index Labs QRP+, MFJ-948 Antenna Tuner, Heath HM-9 QRP Wattmeter, Heath HFT-9A QRP Antenna Tuner, AEA PK-232MBX Data Controller, Homebrew Memory Keyer built around Curtis 8044 Chip from ARRL Handbook, Bencher Paddle, various homebrew stuff, 80 Meter dipole coax fed with balun at feed point, Butternut Butterfly Beam (summer of 1995 hopefully)
Favorite band/mode All bands 160 through 10 meters, CW mainly, then RTTY, and then SSB, then FAX reception
Areas of interest DX, QRP, homebrewing, C language, 8051/8031 microcontrollers, Computerized Data Acquisition

Name Jim Lyons
Callsign(s) VE2KN
Email address(s) jlyons@cam.org
QTH 35 Huron Road, Dollard-des-Ormeaux, PQ, H9G 2C2
Equipment Sierra, MFJ 9040, IC751A, PK-232, KPC-3, Drake 2B, HTX 202
Favorite band/mode 80m, 40m, 20m QRP CW
Areas of interest QRP, Digital, SSB for skeds

Name Mark Osinski
Callsign(s) N9VHY
Email address(s) osins001@maroon.tc.umn.edu
QTH St. Paul, MN
Equipment NW/8020 xcvr, Heath SB-102, HTX-202, "Kansas" dipole for 40/20
Favorite band/mode 40m CW
Areas of interest Rag chewing

Name Al Hand
Callsign(s) AB5TZ
Email address(s) ae865@rgfn.epcc.edu
QTH El Paso, TX
Equipment Kenwood TS-450S/Hustler 5BTV vertical
Favorite band/mode any/all
Areas of interest QRP, computers, QRP expeditions

Name Don Bullard
Callsign(s) WA4IML
Email address(s) dbullard@uga.cc.uga.edu
QTH Winterville, GA
Equipment A variety of "junk". My first was the Tuna-Tin Two. I should have kept the Argo 509. Awaiting my Norcal 40a.
Favorite band/mode n/a
Areas of interest Enjoy collecting parts for that ultimate rig and building an assortment of things.

Name Bruce Lifter
Callsign(s) AD4TG
Email address(s) blifter@ccd.harris.com
QTH Malabar, Florida
Equipment NorCal Sierra, NE QRP Club 30-40, NN1G Mark II, Icom 737, 10M Radio Shack, HW32, 2 Vibroplex paddles, many keyers, Cushcraft A4s, 10 element 10 meter sterba curtain, long wire, half sloper, (antennas change frequently :-))
Favorite band/mode 40m CW, 10m, 15m SSB
Areas of interest My greatest interest is "building".

Name Peter Beedlow
Callsign(s) NN9K
Email address(s) pb13128@deere.com
QTH Colona, IL, Grid square EN41TL
Equipment n/a
Favorite band/mode n/a
Areas of interest Operating, Weak signal VHF/UHF, HF QRP, Meteor scatter (VHF)

Name Andrew Hair
Callsign(s) AB5WB
Email address(s) ab253@rgfn.epcc.edu
QTH 2817 Fir Street, El Paso, TX 79925
Equipment Yaseu FT-747GXII, FT-840, MFJ 9420, MFJ 9020, Inverted Vee's for 10m, 20m, and 40m, up 30 feet
Favorite band/mode 10m, 20m, 40m. Mostly operate CW during the week and SSB on weekends. I like to participate in RTTY Contests--some ragchewing.
Areas of interest I like to take my QRP rigs on backpacking outings in and around the mountains of West Texas and Southern New Mexico. I use an inverted vee antenna attached to an extension pole that doubles as a walking stick. I also like using a solar panel for field operation.

Name Russ Johnson
 Callsign(s) N9RJ
 Email address(s) johnsonr@indy.tce.com
 QTH 760 East Freeman Ridge Road, Nashville,
 Indiana USA 47448
 Equipment Kenwood TS 690S, TS 50S, MFJ 9020, QRP-+ on order,
 Homebrew from QST article NY-KEY I think. Keyers are
 homebrew WB4VVF from QST, homebrew from Curtis IC,
 Super Cmos Keyer II from kit. 2-element tribander for
 10, 15, & 20 and wire dipoles for 30, 40, 80
 Favorite band/mode 40m, 30m CW mobile mostly
 Areas of interest Low power operating, mobile CW, mobile CW QRP, Field
 Day QRP.

Name Bob Schnick
 Callsign(s) KA3YJG
 Email address(s) schnick@shrsys.hslc.org
 QTH PO Box 10111, Erie, PA 16514
 Equipment TenTec Argo 556, Oak Hills Explorer 40m, MFJ 9030, NN1G
 30-40, Butternut HF6V Vertical, 105 ft dipole
 Areas of interest CW QRP anywhere, anytime.

Name Bob White
 Callsign(s) W03B
 Email address(s) bob_white@ccmail.aerosys.loral.com
 QTH n/a
 Equipment Heath HW-9, Ten Tec Scout (modified for QRP with
 bypassed RF amp), Kenwood TS-940s, DSP Unit built from
 QST Artical, Viberplex paddles, K-1 keyer, G5RV at 50
 feet, 160m full wave Sky Loop feed with 400 ohm ladder
 line (I am going to lengthen this one to 4 full waves
 on 40 meters in the near future). I used to use the TS
 940s to listen to baseball games on AM when there was
 such an activity, now about the only use it gets is for
 2 meter SSB as I have a transverter for it and
 occasinal HF activity by my 17 year old son N3JTA when
 he gets the bug to get on the air. I have a seperate
 desk for the QRP equipment and it is all run off a 2.5
 amp power supply.
 Favorite band/mode 20m, and 40m but I work all bands QRP CW 160 - 10.
 Areas of interest QRP and QRPp. As Communications Coordinator I do
 communications planning for Cycle Across Maryland which
 is a yearly 350 mile week long event. We use up to 30
 hams per day to cover the event. I am also on the board

of directors for the Maryland Mobileers ARC here in Maryland.

Name	Paul Stroud
Callsign(s)	AA4XX
Email address(s)	AA4XX@nando.net
QTH	Raleigh, NC
Equipment	OHR QRP Classic, FT-757GX
Favorite band/mode	40m CW
Areas of interest	Milliwattting, contesting, antennas, portable IOTA operating

Name	Jim Smith
Callsign(s)	N0OCT (NzeroOCT)
Email address(s)	jimn0oct@aol.com
QTH	St. Louis, MO
Equipment	Will use 40-40 for travel rig, once I get it in the mail
Favorite band/mode	15m. I'm unhappy right now. Beginning to see the light on 40
Areas of interest	Like to build, build, build

Name	Tim Cook
Callsign(s)	NZ8J
Email address(s)	cooktk@aol.com
QTH	n/a
Equipment	OHR Classic/Yaesu FT-990(modified for QRP) 3 ele yagi for 10/15/20 135 zepp
Favorite band/mode	80m, 40m CW/PACTOR/RTTY
Areas of interest	DXing, ragchewing, LEO Sats

Name	Byron Johnson
Callsign(s)	WA8LCZ
Email address(s)	Byron8LCZ@aol.com
QTH	n/a
Equipment	QRP Plus, Oak Hills QRP watt meter, Gap Titan vertical, also Cushcraft R5, R7 and Gap Eagle. I like verts. JPS NRF-7 AND TimeWave 599+ DSP, MFJ 40/20m xcvr
Favorite band/mode	n/a
Areas of interest	n/a

Name	Jack Bryant
Callsign(s)	W5TFB

Email address(s) jlbryant@math.tamu.edu
QTH College Station, TX
Equipment Argosy II @ 5w/ 4 square vert array on 40, wire yagi on 30, longwire on 80
Favorite band/mode n/a
Areas of interest Mainly QRP ragchew and traffic... ALL CW

Name Mark D Jarmuz
Callsign(s) AA2PF
Email address(s) jarmuz@acsu.buffalo.edu
QTH nr. Buffalo, NY
Equipment ARGONAUT II, HW8, NE 40/40, 40/10m dipoles
Favorite band/mode n/a
Areas of interest QRP

Name John Rouse
Callsign(s) KA3DBN/VP2EBN
Email address(s) jrouse@dc.infi.net
QTH Npwoe, Maryland (nr Washington DC)
Equipment Argonaut 509/TS-440/TS-50
Favorite band/mode 30m CW, 17m CW/Phone, 10m CW/Phone
Areas of interest Awards, DX and DXpeditions

Name Bart Rowlett
Callsign(s) WB6HQB
Email address(s) bart@wb6hqb.ampr.org,
BHRowlett@ccgate.hac.com
QTH n/a
Equipment n/a
Favorite band/mode n/a
Areas of interest n/a

Callsign SM0HPL, SM5HPL (latter cs is summer QTH)
Name Anders Wndahl
Email address(s) aw@lib.kth.se
QTH Pyrolavdgen 58, S-181 60 LIDINGV (Sweden)
Equipment Index Lab QRP+ (ser no 318), NorCal 40, Heathkit HW-7,
As antenna I mainly use my G5RV, but plan to raise some
more fancy things at my summer QTH. On CW I use a
single paddle Vibroplex manipulator and from time to
time the "real" Vibroplex keyer. I do have a russian
built side sweeper as well but I don't feel ready to
let it out on air yet.
Favorite band/mode None

Areas of interest I like 24 mhz very much when condx are good, but I'm most active on 2.5 and 7 mhz evenings.

Name Joe White
Callsign(s) WA4GIR
Email address(s) jhw@rti.org
QTH Apex, NC
Equipment Argonaut 505, MXM, NN1G's for 40 and 20, Sierra, TS-440, All above used with 40m dipole and tuner
Favorite band/mode 40m CW
Areas of interest Homebrewing

Name John P. Spoonhower
Callsign(s) KC2DU
Email address(s) jps@alfalfa.pas.rochester.edu,
 spoon@kodak.com
QTH 1245 Hardwood Lane, Webster, NY 14580 USA
Equipment NorCal 40, Ten-Tec-Argosy, OHR Spirit (20m)
Favorite band/mode 40m CW
Areas of interest HF Satellite

Name Greg Prior
Callsign(s) AC6IY (formerly KE6NYA)
Email address(s) gap@Comtech.com
QTH San Jose, CA
Equipment None yet. Looking for cheap/fixer QRP rigs
Favorite band/mode 40m CW
Areas of interest Homebrew, antennas

Name Michael Sperry (Mike)
Callsign(s) KA10MP
Email address(s) mike@lancity.com
QTH Franklin, MA
Equipment No QRP stuff yet, ICOM IC-745/Butternut butterfly beam
Favorite band/mode 17m SSB
Areas of interest QRP SSB, particularly for travel/camping, HF digital

Name Rich High
Callsign(s) W0HEP
Email address(s) CQC@aol.com,
 W0HEP@aol.com
QTH Aurora, Colorado
Equipment MFJ-9020, HW-7, NN1G Mk II (30)*, Two-fer TX (40),

	Pipsqueak TX (40) under construction, IC-730 (5w or less), Center-fed zepp (80-10); rotary dipole (15)
Favorite band/mode	All-bands, CW-80%, SSB-20%
Areas of interest	DX mostly

Name	John Nystedt
Callsign(s)	KC7AKW
Email address(s)	Nystedt@Indirect.com
QTH	Phoenix, Arizona USA
Equipment	MFJ 9040, NorCal 40A, OHR Explorer 40M, Yaesu 940, All to a MFJ tuner and Long Wire
Favorite band/mode	40m in the novice area for another month or so.
Areas of interest	n/a

Name	Craig LaBarge
Callsign(s)	WB3GCK
Email address(s)	74740.3166@compuserve.com, cal@locke.ccil.org
QTH	Phoenixville, PA
Equipment	Ten-Tec Century 22, MFJ9030, MFJ9040, NE40-40, Main antenna is my rainspout.
Favorite band/mode	30m, 40m CW
Areas of interest	Limited-space operations, portable operation

Name	Bart Rowlett
Callsign(s)	WB6HQQ
Email address(s)	bart@wb6hqq.ampr.org
QTH	Torrance, CA
Equipment	All sorts of stuff.
Favorite band/mode	40m CW
Areas of interest	Antennas, mobile operation.

Name	AB6NZ
Email address(s)	robb@scd.hp.com
QTH	Campbell California USA
Equipment	TenTec Delta II transciever, Cushcraft R7 vertical, Brown Bros. model BTL paddles
Favorite band/mode	30m CW
Areas of interest	QRP and construction

Name	Arjen Raateland
Callsign(s)	OH2ZAZ
Email address(s)	Arjen.Raateland@VYH.FI
QTH	Helsinki, Finland

Equipment	OHR QRP Spirit 80 m, OHR WM-1, 50 Ohm noise bridge (S.E.M.), Lowe HF-225 Europa GC-receiver, old & very much home-brew 1 Watt 2 meter FM rig
Favorite band/mode	Not yet licensed for HF
Areas of interest	QRP and related station equipment building, kits and modifications, antennas, learning CW

Name	Pete Meier
Callsign(s)	WK8S
Email address(s)	PeterWK8S@aol.com
QTH	Waterford, Michigan
Equipment	QRP+, Sierra, NE 80-40, 40a
Favorite band/mode	15m CW
Areas of interest	Casual HF QRP DX hunting, contests, QSOs. Kit and simple circuit building. Evangelizing QRP, Having fun with HF and QRP!

Name	Paulette Quick
Callsign(s)	N90UH
Email address(s)	plquick@facstaff.wisc.edu, paulette.quick@ccmail.adp.wisc.edu
QTH	Madison, Wisconsin
Equipment	HW-8, NorCal 40a, TS830S
Favorite band/mode	40m CW
Areas of interest	Want to learn about electronic theory and construction.

Name	Chuck Adams
Callsign(s)	K5FO
Email address(s)	adams@sgi.com
QTH	Copper Canyon/Dallas, TX
Equipment	NorCal 40a, NorCal Sierra, Oak Hills Explorer, OHR Sprint, OHR Spirit (20 & 40M), Small Wonder Labs 80,40, and 30M, NN1G Mark II (40 & 20), MXM Super XCVR (40,30, and 20M), ...
Favorite band/mode	40m CW
Areas of interest	QRPP operation

Name	Dave Johnson
Callsign(s)	WA4NID
Email address(s)	djohnson@acpub.duke.edu
QTH	n/a
Equipment	Kenwood TS440SAT, Kenwood TS50, OHR Spirit for 15m, 40-40, NN1G 20m, Kenwood TH215a (2m HT), Kenwood 440 MHz HT, shack completely battery powered. Other working

Favorite band/mode	rigs include HB 3579 (colorburst xl) xmtr, and MXM 30m rcvr. Those under construction/debugging include NN1G rigs for 80m, 40m, 30m, 15m, TenTec 6m transverter kit, lotsa matching networks, and others. HB 2m beam (from junked TV ant), HB flat-top fed with ladder line (my main HF ant), 2m/70cm j-pole, 160m inverted L. MFJ-901B 15m, except in years like now when the sunspots are hiding I go to the low bands (160-30). Mostly operate CW, but also SSB some too. Also get on 2m packet a bit, and like to dabble in the MF and VLF (Part 15 low-power license-free) beacon operations. Almost never go above 5 or 10 watts on any mode at any time.
Areas of interest	* see above

Name	Bob Gobrick
Callsgin(s)	WA6ERB, V01DRB, VE2DRB
Email address(s)	bgobrick@terra.nl.net.nf.ca, rgobrick@public.compuserve.com, 70466.1405@compuserve.com
QTH	St. John's Newfoundland CANADA
Equipment	QRP gear - all kinds
Favorite band/mode	n/a
Areas of interest	All ham radio (even QRO)

Name	Bill Acito
Callsign(s)	KC1GS
Email address(s)	acito@asdg.enet.dec.com
QTH	Worcester, MA
Equipment	HW9, Norcal 40, 30-40, QRP+
Favorite band/mode	40m, 20m CW
Areas of interest	Contests

Name	Roger L. Traylor
Callsign(s)	WB4TPW
Email address(s)	Roger_L_Traylor@ccm.jf.intel.com
QTH	Hillsboro, OR
Equipment	HW-8, Norcal Sierra
Favorite band/mode	40m, 20m, 15m, CW
Areas of interest	Receiver design, phasing type rigs

Name	Wayne Burdick
Callsign(s)	N6KR
Email address(s)	wayne@interval.com

QTH Belmont, California
Equipment Original prototype NorCal 40, 40A, Sierra,
Safari-4, etc.
Favorite band/mode 40m CW, 10m/15m/20m CW when open
Areas of interest Low-power portable rig design and operation

Name Alan Kaul
Callsign(s) W6RCL
Email address(s) kaul@netcom.com,
QTH LaCanada-Flintridge, CA (10 mi NE of LA City Hall)
w6rcl@aol.com
Equipment Several homebuilt including the Norcal 40, IC-725 and
Kenwood TS-430 with power cranked down to QRP
Favorite band/mode 40m, 20m
Areas of interest n/a

Name Tim Nibbe
Callsign(s) KD4YFN
Email address(s) nibbe@attmail.com,
tnibbe@aol.com
QTH Conyers (near Atlanta), Georgia, US
Equipment n/a
Favorite band/mode n/a
Areas of interest n/a

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+-----+-----+
| Daniel Wee | daniel@pandora.lugs.po.my |
| 9V1ZV      | daniel.wee@f516.n600.z6.fidonet.org |
| UUCP1.12j  | Packet: 9V1ZV @ 9V1VS.SGP.AS -- |
+-----+-----+
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From owner-qrp-l@netcom.com Fri Mar 3 16:08:55 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: Thoughts on ARCI...
Date: Fri, 03 Mar 95 07:59:46 EST5EDT
Message-Id: <1995Mar03.075946.6841@wb3ffv.ampr.org>

The subject of somehow merging the QRP ARCI and the QRP-L mailer keeps coming up lately. I do not see this happening. The QRP-L mailer is the functional equivalent of a local or regional QRP group, except that the paradigm is slightly different now--the local meeting, officers and directors meeting, the publication, all are melded into one single mass, and all of the above are a continuing, ongoing process instead of stand-alone events at set intervals. Local and regional clubs exist to

meet particular needs, and so does the QRP-L mailer. Merging the QRP ARCI with the mailer would be similar to merging two regional or local groups, putting together groups which do not necessarily have the same QRP interests or focus or desires. Also, to merge QRP ARCI with the Internet mailer would automatically and unavoidably be exclusionary--not everyone has computers (unbelievable but true!), not everyone with computers has Internet or e-mail, not all those with Internet or e-mail have the time or inclination to get on a QRP mailing list. (When I logged on this morning, I had 317 messages in my box, the vast majority from the mailing list; admittedly many are CC versions of things I sent out, many are old messages I'm chewing and cogitating on, but still well over a hundred and fifty unread; time is limited lately and I chip away when I can, hitting those whose subject lines look important to me.) Now what we DO need is to get as many of the key players in the QRP ARCI on e-mail so we can speed up our internal communications. The QRP ARCI is, has been, and may always be, a chess-by-mail organization. As I've said before, one of the keys to success of the local and regional groups is the agility and the ability to meet face to face with, at most, a few hours drive. Even the GQRPers have this advantage (put a map of the UK on top of a map of the US with the same scale and see). And the locals regionals DO meet regularly during the year. The QRP ARCI only has a de facto annual meeting at Dayton each year, and not all the key players can make it on any given year. E-mail for all would help tremendously. Right now we do have quite a few key players wired, but not all; I understand the Pres is looking into it, as is the Vice; much of the board is on-line, along with former officers and BoD members, and it helps, but we need more. Interesting that there are complaints about awards; that's a new one. It's usually complaints about other things, but the subject of complaints changes from year to year. But there have always been complaints of various sorts about member services over the years, and they go beyond personalities and rosters and regimes--no matter who is Pres, no matter who holds what job, no matter who is on the board, the same problems keep coming up year after year. Being a chess-by-mail club is definitely a part of the trouble, with us being scattered all over the country. I have been starting to suspect in recent months that the basic premise of a national level club-by-mail is inherently pre-loaded with many problems and always will be. (And being much larger than most of the local/regionals doesn't help; assuming a certain percentage of people having problems, extrapolate that to a larger organization and the raw numbers increase.) Further comments on QRP ARCI always welcomed! And finally, a pitch--the QRP ARCI is STILL looking for a "permanent" president, to replace the Interim Pres, Les Shattuck, WN2V. Contact me if curious or interested. 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org

The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Sat Mar 4 03:27:18 1995
From: "Greg Taylor" <GTAYLOR@TAEX003N.tamu.edu>
Date: Fri, 3 Mar 1995 21:51:14 CDT
Subject: Re: Thoughts on ARCI...
Message-Id: <C27B226C3B@taex003n.tamu.edu>

>From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
To: JimN00CT@aol.com
Subject: Re: Thoughts on ARCI...
Copies to: qrp-l@netcom.com
Date sent: Fri, 03 Mar 95 07:59:46 EST5EDT

Local and regional clubs exist to
meet particular needs, and so does the QRP-L mailer....not
everyone with computers has Internet or e-mail, not all those with
Internet or e-mail have the time or inclination to get on a QRP mailing
list...the basic premise of a national level club-by-mail is inherently
pre-loaded with many problems and always will be.

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I think Mike has some good points....reminds me of years ago when although
very interested in qrp I didn't join QRP-ARCI because of the since
discarded insistence on power limitation at all times. Think of all the
good stuff I missed (not to mention the low member number I could have
had). I personally might want QRP-ARCI to focus on certain interests I
have but, hey, unless I'm willing to put some time in it myself its hard
to gripe (and I'm hard put to find even operating time nowadays). I just
commend all the folks that do put in the time that allows us to have a
national organization.

72, Greg, KD4HZ

Dr. Gregory S. Taylor !MAIL: 110 Dairy Science Building
Extension Program Leader for ! College Station, TX 77843-2124
Community Development !VOICE: 409-845-4445
Texas Agricultural Extension Service!FAX: 409-847-8744
Texas A&M University System !EMAIL: Reply or g-taylor4@tamu.edu

From owner-qrp-l@netcom.com Fri Mar 3 14:24:23 1995
Message-Id: <n1417955822.19435@msmailgw1.arlut.utexas.edu>
Date: 2 Mar 1995 17:50:35 -0600
From: "rohre" <rohre@msmailgw1.arlut.utexas.edu>
Subject: Transit time for emails, AK and Fox

Alert to Chuck A., Dave-the Fox, and the Group.

I am not sure if all Internet is experiencing snail pace, but my link thru Tenet or whatever sure is.

Chucks last posting on the Ak station for Wed 1 Mar. 1458:57 was timestamped by our local mail server at 2 Mar 0156AM. Thanks to Chuck for an earlier posting, I had been on looking for AK. Heard instead digi as low as 7038, ughhh! While down there, did work N9XVZ using 1.2 Watts on the Scout on 7036.9. He is not in my, (blush) out of date call book, can anyone help?

Cranked up to 4.9 watts, (why did they put that pot so far back, just because the final is back there!!) (Where is my QQ with the mods). Went up to 7040, and gosh, my CW is rusty, but there was, (I think) NN9K, W0MVR, AL7EV, WB4QJR, WL7IV, and N9UXU, but I did not realize he was *the Fox*, because I had the earlier email in hand and just then realized it did not have his call! {Now madly digging thru past email print outs of fox lists for both SSB and CW, I KNOW, it was there somewhere}.

And on top of everyone, about 40 over 9 when he started tuning up, was I think KA7PUN, (gosh he was loud), and the tuning did NOT make him louder! So if you are out there, PUN, use the settings you started with! A number of the others were in conversation or trying from time to time. The Jones filter just will not, (nor will any filter faced with steady tones on top of weaker stations, who were actually very good copy, when the tones went away) give you single signal reception when two or more stations are on the same frequency. At the appointed time, I went to the next segment, and there was a nice fat BC station on 7110+, with of course, plenty of sideband energy. Now this was more to the liking of the Jones, and I found KA6REY calling CQ on 7109.8 and he was 489, to my 479, so we chatted. It was tough after the first over, for we got QSB, but I know he looked me up in some Call Directory, as I had used Austin instead of spelling out Round Rock TX and he asked if I still lived in Round Rock, and he had my full name, while I had used Stu to make his copy shorter. The BC station finally got so strong as I signed, I think REY QSB'd away. Hope he perseveres. 40M these days has a lot more BC than I remember as a Novice there in '57, or were the receivers that deaf then? We slowed down and that was easier in the BC QRM, but the Kent hand key is a bit stiff --must exercise it more often! Got to practice on that built in Scout keyer some more, and get respectable with it and the Brass Racer.

Anyway, I apologize if I QRM'd anyone or all on 7040 trying to call CQ QRP or some of the stronger stations. I need an outboard NARROW filter, I guess.

Chuck and all that were there, hope you QSO'd the AK; others had nice sigs into Austin area if there had not been QRM. What do others do when 7040 gets so busy? Does anyone have a Beverage for major directions to listen upon, or what?

Thanks to all the Foxes who have put on this good exercise for us, and let's do it again! And thanks to Chuck, and the other organizers of the hunts.

From owner-qrp-1@netcom.com Fri Mar 3 18:21:19 1995
Message-Id: <199503031550.HAA29281@mail4.netcom.com>
From: Mike Heitmann <mike@hpanalog.mdc.com>
Subject: Trip to LA area
Date: Fri, 3 Mar 95 9:48:20 CST

Hello All,

I'm scheduled to travel to the LA/Monrovia, CA, USA area near the end of next week. Any local QRP activities going to take place in the area I might attend as a visitor? Any good ham radio stores that carry QRP gear/kits that I might visit?

Thanks

--

Mike Heitmann - KF0SO
Internet: mike@hpanalog.mdc.com

From owner-qrp-1@netcom.com Fri Mar 3 22:41:18 1995
Subject: UC3906 I.C.
From: john.moriarity@com2bbs.com (John Moriarity)
Message-Id: <aa.11403.200@com2bbs.com>
Date: Fri, 03 Mar 1995 13:57:00 -0800

Hi Everyone,

Does anyone know where I can get a few of the Unitrode UC3906 I.C.s as used in the Gel Cell charger in the '95 ARRL Handbook? I'm trying to avoid the minimum order problem with the vendors listed.

I recently lucked into a closeout at the local Price Club on two "Handy Power System" gadgets. They contain two standard Yuasa 6 volt, 4 AH gel cells. After disassembling one, I found that it has no charging control circuitry! They give you a cord to plug into your cigarette lighter socket directly! That's probably why the things were only \$9.95 apiece. It does give you the Gel Cells very cheaply, and a case to carry them in, so if you find any in your area, I think it's still a good buy.

72/73,

John, K6QQ

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COM2: BBS	sysop: Sean Azhadi	
San Diego, CA.	Internet: sysop@com2bbs.com	

619.737.0495 BBS 12 Nodes	Info: info@com2bbs.com	
619.737.9659 voice		
+-----+-----+-----+		

From owner-qrp-1@netcom.com Fri Mar 3 14:28:53 1995
Date: Fri, 3 Mar 1995 07:44:40 -0500 (EST)
From: prvalko <prvalko@vela.acs.oakland.edu>
Subject: Very very cool...
Message-Id: <Pine.3.89.9503030713.A5305-01000000@saturn.acs.oakland.edu>

Everyone knows that last nite was another successful 79'er. Lots of 2M repeater traffic here in North Metro Detroit as local hunters coordinatated their stalking of the elusive milliwatters.

First QSO was with Scott, NM1J running QRP outta CT.

Then I worked two of the locals, WB8E and KF8AT, on my argonaut 515.

As threatened earlier this week... I pulled my Power Mite One off of the shelf and deftly plugged the antique into the tangle of wires and alligator clips that I call a shack.

Sheeze... what a primitive rig... but it WAS transmitting! Looked like all of 800mw on my laboratory-standard MFJ meter. I could certainly hear W1AW's code practice. It threw caution to the wind and started tuning for a strong CQ.

I came across Ted, he of great wealth, as demonstrated by ownership of an Argonaut II, calling CQ near the 79er freq. Just a lucky guess on my part as the PM1 is accurate to... well... I was *pretty* sure I was on 80 meters.

HA! He hears me, and gives a great report 579 out of the buckeye state! I saddly had to give poor Ted a measly 339, but that was mostly the fault of my receiver. Ted was no doubt thrilled to work one of the few remaining PM1s in existance, as I was to work one of the few Argonaut II's actually sold.

I am thinking that I had tempted the gods enough for one nite by making a PM1 qso, when I hear AC4VO calling cq. Throwing the TX switch, I reach for the Bencher and squeeze out my call - briefly realizing that my paddle cost more than the original price of the PM1.

MY NIGHT! Barry comes back, with a 339, all the way from the DEEP south, Hartford, (Sweet-Home) Alabama! To top it off, Barry is running a PARAGON!

So that was enough for this OM. Two PowerMite QSOs, each had my

barbarian rig working two of the most expensive and state of the art that Ten*Tec even pushed out of Sevierville.

It doesn't get any better than this. Thanks to NE-QRP for keeping the sprint alive and my winter blues, away.

73! =paul= wb8zjl

From owner-qrp-1@netcom.com Fri Mar 3 22:56:51 1995

Date: Fri, 3 Mar 1995 17:30:51 -0500

From: teda@meaddata.com (Ted Albert)

Message-Id: <9503032230.AA04718@rain.meaddata.com>

Subject: Re: Very very cool...

> I came across Ted, he of great wealth, as demonstrated by ownership of an
> Argonaut II, calling CQ near the 79er freq. Just a lucky guess on my
> part as the PM1 is accurate to... well... I was *pretty* sure I was on
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>

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> of my receiver. Ted was no doubt thrilled to work one of the few
> remaining PM1s in existance, as I was to work one of the few Argonaut
> II's actually sold.

>

> 73! =paul= wb8zjl

That was the second hour. The first hour I was on with the homebrew 1 watter and its radio shack colorburst xtal. I worked 3 stations and called it a night when W1AW started blasting away. I was surprised to find stations still having fun later in the evening. I had already put the argonaut II back on-line so I fired up and proceeded to add more stations to the log. The argonaut was turned down to 1 watt. I also heard, but did not work VE2KN.

3.579 could easily become another official qrp frequency with this kind of activity. 80 meters this winter is definitely proving to be the band to be on.

It still is not too late to heat up the soldering iron and build a 1 watter for this event for those thinking about it. My total time from cutting the grids on a scrap piece of copperclad board to testing and placing in a cabinet was 4.5 hours of very enjoyable work in a single evening. Give it a try, you will get hooked fast!

73 de Ted, KF8EE

From owner-qrp-1@netcom.com Sat Mar 4 00:24:02 1995
From: RobCap@aol.com
Date: Fri, 3 Mar 1995 16:50:59 -0500
Message-Id: <950303165058_38394277@aol.com>
Subject: WA3ULH Resigns from ARCI

Dear Mike & Chuck-

The purpose of this message is to advise you that I would like to resign my membership in ARCI. My reason for resigning is to protest the current status of the ARCI awards program, and the underlying message that this sends to amateurs about ARCI member services.

Could you please pass along this request to the ARCI membership committee, and have the balance of my membership fee refunded to the ARRL foundation as a donation to the Victor Clark Youth Incentive Fund.

Please send my refund as a donation in my name to:

ARRL Foundation
Vic Clark Youth Incentive Fund
c/o Mary Carcia
225 Main Street
Newington, CT 06111-1494

Please send me written confirmation advising me that the check has been sent to the foundation.

I truly regret that it has become necessary to take this step, but I hope that my small protest will make a difference in the way ARCI conducts its affairs.

72 & 73,

Rob, WA3ULH